TO THE RIGHT WORSHIPFVLL,

Mr. IOHN HERDSON, ESQVIRE.

HAuing experience (right Wor.) of your loue to the Science of Arithmeticke, and your extraordinary respect had to the Professors thereof, and to me in particular, when, and since it pleased you to accept mine endeuours in that kinde; I thought it meet, and my duety, some way to shewe thankefulnesse. And wanting better meanes to signifie my good will & thankfull minde, I am bolde to present this lit-

tle Booke to your handes; hoping (Sir) that, of your accustomed Gentlenesse, you will accept it with as good affection, as it is by me dutifully intended. Thus I humbly take my leaue; wishing you health and true happinesse. London: *May* 18. 1613.

Your VVorships

to be commanded,

Richard Witt.

To the Reader.

HEere thou haſt (Gentle Reader) a Table, and certaine Breuiats, which may auaile thee briefly to reſolue diuers needfull Queſtions of Arithmeticke; concerning ſuch Reckonings, wherein there is allowance for forbearance of money, at ſuch rates as in the Queſtions following are mentioned.

The vſes of the Table are firſt briefly declared: in which declarations, if any thing ſhall ſeeme hard vnto thee, haue patience to reade on; for, afterward by Queſtions, and Inſtructions how to worke thoſe Queſtions, not onely the vſes of the Table and Breuiat thereof, but alſo the vſes of all the other Breuiats, are ſo plainely ſhewed, that ſuch as haue but mean skill in the Art of Numbers, ſhal well vnderſtand how to make vſe of them.

Next after the Inſtructions, follow the Works: which are performed by a more briefe and better ordered Arithmeticall way, then the Inſtructions doe ſhewe. For, the Inſtructions are directed to the capacitie of the ignorant: and the Works may (with heed) be perceiued by ſuch as are skilfull.

In which Works, Reaſon and Proportion are much vſed; I meane in the ſummes of money, not in the Numbers of years: as, if the ſeuenteenth Queſtion following, and the anſwer thereof be conſidered, it will appeare.

In page 108. begins a Tranſition or Paſſage to Breuiats of 1. *per* 40. *per* halfe yeare, and of 1. *per* 64. *per* quarter: which Intereſts are equall to the Intereſts that are made in buying Land at 20. yeares purchaſe, when the Rents are receiued halfe yearly; and at 16. yeares purchaſe, when the Rents are receiued quarterly: which two Intereſts are more indifferent to be vſed in altering Fines into Rents, or Rents into Fines, then any of the other Intereſts of 10. 9. 8. 7. 6 and a quarter, 6. or 5. *per Cent. per Ann.*

It

It may be Obiected; Here are many Breuiats,& the Breuiats haue many Numbers, and the Numbers haue many Figures: therefore what certainty can a man haue,that all are true? Graunt that the Author (as he ought) hath vſed ſuch care and diligence in his calculations, asthat no one Figure by him be ſet downe amiſſe in the copie: yet it is vſuall in the Printing of ſo many Numbers, that many faults eſcape. To this obiection I anſwer; that not onely before the Printing of theſe Breuiats, but alſo ſince they were Printed, I haue heedfully examined euery Number: yea, euery Figure in each Breuiat.

If thou finde any profite, or ſhalt perceiue how much thy ſelfe,or any others haue been deceiued for want of the knowledge in this little Booke expreſſed: conſider and iudge,Sith this little creeke of a Riuer (as I may tearme it) is profitable and of vſe; how much more profitable and vſefull the main Ocean of Arithmeticke is.

Experience it ſelfe ſhewes, that men cannot hold any trading one with another, without great vſe of Numbers: whereupon it followes,that the loſſes are not few,which men incurre by ignorance of the Arte of Numbers.

It is true(I confeſſe) that moſt men,hauing but ſmall skill therein,doe yet make a ſhift (ſuch as it is) to paſſe their manifolde buſineſſe and Accounts, without ſenſe or feeling of their loſſes: It is as true, that The blinde drink many a Fly. If there bee errour in the making of an Account, is it not becauſe there is ſome Queſtion, or Queſtions of Numbers depending vpon ſome things contained in the Books of Accounts,which ought to haue bin anſwered before the Acco. could be truely made? And is it not likely, that the more skill a man hath in the Arte of Numbers, with ſo much the more facility,and certainty of truth, hee ſhall be able to reſolue Queſtions of Numbers?

Perſwade thy ſelfe,Arithmeticke is profitable, not onely to men in their priuate affaires, but alſo in the Commonwealth-buſineſſes;as well in time of Warre as Peace.

Farewell.

A TABLE OF SOME OF THE PRINcipall matters, contained in the Queſtions.

WHat a Principall, put out at intereſt for a certaine time, will amount to at the end thereof, Queſt. 4. 18. 22. 26. 30. 34. 38. 43. 44. 52. 60.

How commodities ſolde may be rated, to giue time for payment, Queſt. 48.

What a ſumme, due at the end of ſome certaine time, is worth in ready money, Queſt. 19. 23. 27. 31. 35. 39. 45. 49. 53. 57. 61.

If an Annuity be all forborn till the end thereof; what ought then to be receiued, queſt. 6. 20. 24. 28. 32. 36. 40.

If certain halfe yearly payments be forborne till the laſt of them grow due; what ſhold then be receiued, qu. 46. 58.

If certaine quarterly payments be forborne till the laſt quarterly payment grow due, what ſhould then be receiued, queſt. 50. 54. 62.

What an Annuity is worth in ready money, queſt. 7. 21. 25. 29. 33. 37. 41.

To reduce half yearly paymẽts to ready mony, qu. 47. 59

To reduce quarterly paymẽts to ready mony, qu. 51. 55

What money ought to be deliuered with a leſſe Annuity in Exchange for a greater, queſt. 10.

What Annuity a ſumme of money will buy, queſt. 8. 9.

To leſſen Rent by increaſing the Fine, queſt. 11. 63. 81.

To leſſen a Fine by increaſing the Rent, queſt. 12. 108.

What ready money may be giuen for a Leaſe, certaine yeares thereof being of leſſe value to the buyer then the reſt, queſt. 16. 102. 111. 113.

The

The price of a certaine number of yeares in Leaſe being knowne; to find what ready money a greater number of yeares is worth, queſt. 17.

To reduce quarterly payments to yearly, queſt. 115.

To reduce yearly payments to halfe yearly, queſt. 116.

If Land be bought, that ſtands charged with diuers payments at diuers times; to finde what part of the price the Purchaſer ſhould retaine in his hands to ſatisfie thoſe payments, queſt. 119.

Two men paying diuers ſummes of mony at diuers times one to the other, and one for the other; to make vp their Accounts, with mutuall allowance of int. queſt. 121.

If a Leaſe for 21. *yeares be worth* 7. *yeares purchaſe; to finde how many years purchaſe a Leaſe of the ſame Land or houſe for more years, is worth, queſt.* 124.

&c.

A Table, ſhewing where to finde the ſeuerall Breuiats in this Booke.

beginning in pag.

THe Breuiat of the Table of 10. per Cent. 14.
4. *Other Breuiats of* 10. per Cent. 44.
2. *Breuiats for halfe yearly payments at* 10. per Cent. 88.
2. *Breuiats for quarterly payments at* 10. per Cent. 95.
5. *Breuiats of* 9. per Cent. 8. per Cent. 7. per Cent. 6. per Cent. *and* 5. per Cent. 53.
5. *Breuiats of* $6\frac{1}{4}$. per Cent. 78.
2. *Breuiats for quarterly payments, at* $6\frac{1}{4}$. per Cent. 102.
2. *Breui. for half yearly Rents at* 20. *years purchaſe.* 111.
2. *Breuiats for quarterly Rents, at* 16. *years purchaſe.* 123.

The Table of { 1. *per* 10. *per* terme, gain, and gain vpon gaine; exactly calculated for 30. termes.
Or (as commonly men speak) 10. *per* 100. *per Ann.* Interest, and Int. vpon Interest; exactly calculated for any number of years vnder 31.

Years.	
1	1 1
2	1 2 1
3	1 3 3 1
4	1 4 6 4 1
5	1 6 1 0 5 1
6	1 7 7 1 5 6 1
7	1 9 4 8 7 1 7 1
8	2 1 4 3 5 8 8 8 1
9	2 3 5 7 9 4 7 6 9 1
10	2 5 9 3 7 4 2 4 6 0 1
11	2 8 5 3 1 1 6 7 0 6 1 1
12	3 1 3 8 4 2 8 3 7 6 7 2 1
13	3 4 5 2 2 7 1 2 1 4 3 9 3 1
14	3 7 9 7 4 9 8 3 3 5 8 3 2 4 1
15	4 1 7 7 2 4 8 1 6 9 4 1 5 6 5 1
16	4 5 9 4 9 7 2 9 8 6 3 5 7 2 1 6 1
17	5 0 5 4 4 7 0 2 8 4 9 9 2 9 3 7 7 1
18	5 5 5 9 9 1 7 3 1 3 4 9 2 2 3 1 4 8 1
19	6 1 1 5 9 0 9 0 4 4 8 4 1 4 5 4 6 2 9 1
20	6 7 2 7 4 9 9 9 4 9 3 2 5 6 0 0 0 9 2 0 1
21	7 4 0 0 2 4 9 9 4 4 2 5 8 1 6 0 1 0 1 2 1 1
22	8 1 4 0 2 7 4 9 3 8 6 8 3 9 7 6 1 1 1 3 3 2 1
23	8 9 5 4 3 0 2 4 3 2 5 5 2 3 7 3 7 2 2 4 6 5 3 1
24	9 8 4 9 7 3 2 6 7 5 8 0 7 6 1 1 0 9 4 7 1 1 8 4 1
25	1 0 8 3 4 7 0 5 9 4 3 3 8 8 3 7 2 2 0 4 1 8 3 0 2 5 1
26	1 1 9 1 8 1 7 6 5 3 7 7 2 7 2 0 9 4 2 4 6 0 1 3 2 7 6 1
27	1 3 1 0 9 9 9 4 1 9 1 4 9 9 9 3 0 3 6 7 0 6 1 4 6 0 3 7 1
28	1 4 4 2 0 9 9 3 6 1 0 6 4 9 9 2 3 4 0 3 7 6 7 6 0 6 4 0 8 1
29	1 5 8 6 3 0 9 2 9 7 1 7 1 4 9 1 5 7 4 4 1 4 4 3 6 7 0 4 8 9 1
30	1 7 4 4 9 4 0 2 2 6 8 8 8 6 4 0 7 3 1 8 5 5 8 8 0 3 7 5 3 8 0 1

The Table afore-going (as is eaſie to be perceiued) is ſuch a Progreſsion as Authors vſually call Geometricall: the firſt terme thereof (as you ſee) being 11. the ſecond 121. which is 11. times the firſt; and the third, 1331. which is 11. times the ſecond; and the fourth 11 times the third: and ſo increaſing to 30. termes.

Wherefore, the *Reaſon* between the firſt and ſecond terme, alſo betweene the ſecond and third terme, and ſo throughout betweene any of the termes and the next that followeth it, is of the leſſe inequalitie: which *Artiſts* commonly call *Ratio minoris inæqualitatis*; and the proper name thereof is *Subvndecupla*: which is, when the *Antecedent* is contained of the *Conſequent* 11. times.

Theſe 30. termes, *viz.* the 30. numbers in the Table, are *Numerators* of improper Fractions.

The *Denominators* of which Fractions are alſo a Progreſsion: the firſt terme thereof (that is, the firſt Denominator) being 10. the ſecond, 10. times the firſt, which is 100. & the third, 10. times the ſecond, which is 1000 and ſo increaſing to 30. termes.

Wherefore here alſo the *Reaſon* throughout between any of theſe termes and the next that followeth it, is of the leſſe inequality: which *Artiſts* call *Ratio minoris inæqualitatis*; and the proper name thereof is *Subdecupla*: which is, when the *Antecedent* is contayned of the *Conſequent* 10. times.

So it appeareth, that if the Numbers (or Numerators) in the Table, be taken with their Denominators, they will ſtand thus:

$\frac{11}{10}$ which is $1\frac{1}{10}$

$\frac{121}{100}$ which is $1\frac{21}{100}$

$\frac{1331}{1000}$ which is $1\frac{331}{1000}$

And

And ſo forth, till all the 30. termes haue their Denominators placed vnder them.

Here it ſhall not bee amiſſe to note, that as the firſt terme hath for Denominator an Vnit, and one Cipher; the ſecond terme an Vnit, and two Ciphers; and the third terme an Vnit and three Ciphers: ſo the fourth terme muſt haue an Vnit and foure Ciphers; and the twentieth terme an Vnit and twenty Ciphers for Denominator: and ſo of all the reſt.

Theſe improper Fractions alſo are tearmed a Geometricall Progreſsion: and the Reaſon betweene them is alſo of the leſſe inequality; becauſe ſtil that which goeth before, is leſſe then that which followeth it.

The proper name of the Reaſon betweene theſe improper Fractions, giuen by *Artiſts*, is, *Subſeſquidecima*: which is, when the *Conſequent*, conteyneth the *Antecedent* once, and one tenth part thereof. For this holdes ſtill betweene theſe improper Fractions; becauſe each *Antecedent* is to its *Conſequent* (that is, each of theſe improper Fractions is ſtill to that which followeth it) as 10. to 11.

This kinde of increaſe is equall to the gaine which men make, when they put out money at Intereſt, after 10. per 100. per *Annum*, Intereſt, and Intereſt vpon Intereſt.

Which is, when the Principall doth encreaſe one tenth part of it ſelfe, by the end of the firſt yeare: and at the end of the firſt yeare, the firſt Principall, together with the increaſe obtained the firſt yeare, is accounted as a new Principall, put out in like ſort for the ſecond yeare.

The figures 1, 2, 3, 4, 5, &c. deſcending to 30. hauing

ouer them this word *Yeares*, and ſtanding on your left hand as you view the Table; ſerue to ſhew how many Ciphers ought to be placed before an Vnit, to make the Denominators of the improper Fractions aboue mentioned: alſo they declare the time wherein this increaſe is ſuppoſed to growe.

That is, the ſecond terme, $\frac{121}{100}$, if it bee taken for an improper Fraction of pounds, ſheweth that 1 li. if it be put-forth for two yeares, after 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt, will amount vnto at two years end, $\frac{121}{100}$ li.

Which 2. yeares, is, becauſe the Numerator 121. ſtands in the Table by 2. in the rowe of the figures, 1, 2, 3, 4, &c. to 30. deſcending: as alſo the Denominator 100. hath therefore 2. Ciphers for the ſame reaſon.

And $\frac{1331}{1000}$, the third terme, if it bee taken for an improper Fraction of Duckets, ſheweth that 1. Ducket, if it be put forth for three yeares, after 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt, will amount vnto at three yeares end $\frac{1331}{1000}$ Ducket: which three yeares is, becauſe the Numerator 1331. ſtands in the Table by 3. in the rowe of the figures deſcending: as alſo the Denominator 1000. hath therefore 3. Ciphers for the ſame reaſon. And ſo of the reſt.

Let this ſuffice for the Table it ſelfe: and now let vs looke ſomewhat into the vſe of it.

Touching the vſe of this Table, wee will ſet downe certaine directions: in which directions, to auoyd repetitions, remember ſtill theſe two things;

Firſt, that the time is neuer aboue 30. yeares: becauſe this Table is calculated for no longer time.

Secõdly, that the Intereſt, in euery cõcluſion wrought by

by this Table, is alwayes reckoned to be 10. *per* 100. *per Annum*, Intereſt, and Intereſt vpon Intereſt.

Theſe two things being remembred, let vs now proceed to the Directions.

The firſt Direction.

To finde if 1 li. *be put forth at the aboueſaid Intereſt, what it will amount vnto, at the end of any number of yeares.*

ESteem the improper Fractiõs afore ſpoke of (whereof the Numerators are in the Table) to bee Fractions of pounds: then, the ſeuenth Fraction ſheweth what 1 li. ready money, will amount vnto at ſeuen yeares end: and the twentieth Fraction ſheweth what 1 li. ready money, will amount vnto at twenty years end.

That is, the ſeuenth Number in the Table being eſteemed a Numerator, and hauing for Denominator to it an Vnit and 7. Ciphers, ſheweth the improper Fraction of pounds, that 1 li. will yeeld at ſeuen yeares end for Capitall and Intereſt, being put forth at the Int. aforeſaid.

And the twentieth Number in the Table, ſheweth the Numerator of that improper Fraction of pounds, hauing for Denominator an Vnit, and twenty Ciphers, that 1 li. will produce for Principall and Intereſt, at 20. yeares end, being likewiſe put forth at the ſaid Intereſt. And ſo of all the reſt.

The ſecond Direction.

To finde what 1 li. *Annuity for any Number of yeares is worth to bee paid for, when the Annuity ceaſeth.*

Firſt, find in the Table the number of years for which the Annuity is to endure.

From the number in the Table, which ſtandeth by this number of yeares, deduct ſuch a number as is equall vnto the Denominator which vnto this Number in the Table appertaineth, and before the remainder place a Cipher:

This Number ſhall be Numerator.

The Denominator whereof muſt be the ſame Denominator, which to the Number in the Table, with which you now worke, belongeth.

So ſhall you haue an improper Fraction of pounds, that will ſhew what 1 li. Annuity to endure for the time giuen is worth, to be paid at the end thereof.

The third Direction.

To finde what 1 li. *Annuity, to endure for any number of years is worth, to be paid for preſently in ready money.*

To find the Numerator, take the ſame courſe which was ſhewed in the laſt Direction to find the Numerator there.

Then take for Denominator the Number in the Table,

Table, which ſtandeth againſt the number of yeares for which the Annuity is to endure.

So ſhall you haue an improper Fraction of pounds, that will ſhew what 1 li. Annuity, to endure the time giuen, is worth ready money.

The fourth Direction.

To find what any Principall, put forth for any number of yeares, will amount vnto at the end thereof.

Finde by the firſt Direction, what 1 li. beeing put out for the time giuen, will proceed vnto by the end thereof.

Then,

As 1 li. is vnto your Principall propounded;
So is the Proceed of 1 li. vnto the Proceede of your Principall required.

The fift Direction.

To find what any ſumme, due at the end of any number of yeares, is worth in ready money.

Finde by the firſt Direction, what 1 li. being put out for the time giuen, will proceed vnto by the end therof.

Then,

As the Proceed of 1 li. is vnto the money giuen:
So is 1 li. vnto the money required.

The

The ſixt Direction.

To finde what any Annuity, to indure for any terme of yeares, is worth, to be paid-for when the Annuitie ceaſeth.

Finde by the ſecond Direction, what 1 li. Annuity, to endure for the time giuen, is worth to be paid at the end thereof.

Then,

As 1 li. Annuity is vnto the Annuity propounded:
So is the Proceed of 1 li. Annuity, vnto the Proceed required.

The ſeuenth Direction.

To find what any Annuity, to endure for any number of years, is worth in ready money.

Find by the third Direction, what 1 li. Annuity to endure the time giuen, is worth in ready money.

Then,

As 1 li. Annuity is to your Annuity propounded:
So is the readie money of 1 li. Annuity, vnto the ready money required.

The eightth Direction.

To finde what Annuity for any number of yeares, may be bought for any ſumme propounded.

Find by the third Direction, what 1 li. Annuity, to endure

endure the time giuen, is worth in ready money.

Then,

As the ready money of 1li. Annuity is to the ſumme propounded:

So is 1li. Annuity, vnto the Annuity required.

The ninth Direction.

To finde what readie money ſhall bee deliuered with a leſſe Annuity, in exchange for a greater Annuity, for any equall terme of yeares.

Abate the yearly valew of the leſſe Annuity, from the yearly valew of the greater Annuity.

Then finde by the ſeuenth Direction, what the Remainder, eſteemed as an Annuity for the time giuen, is worth in ready money.

That ready money reſolueth you.

The tenth Direction.

How to leſſen the yearely Rent of Houſe or Land, by increaſing the Fine; or, how to leſſen the Fine, by increaſing the Rent.

Here, for the leſſening of the Rent,

Finde by the ſeuenth Direction, what the ſumme diminiſht, eſteemed as an Annuity, is worth ready mony:

Which ready money adde to the Fine giuen.

The Aggregate ſheweth the new Fine.

For the leſſening of the Fine,

Find by the eighth Direction, what Annuity may be

bought for that quantity of the Fine which the Tenant deſireth to abate.

This Annuity, ſo found, adde vnto the yearely Rent giuen.

The Aggregate ſheweth the new Rent.

The eleuenth Direction.

To find what Annuity, for any number of yeares, one may buy for any ſumme named, when the Annuity beginneth preſently, and yet the buyer hath time for the payment of his money.

Find by the fift Direction, what the buyers money is worth to be paid preſently, in ready money.

Then by the eightth Direction, finde what Annuity to endure for the time giuen, may bee bought for that ready money.

That Annuity is the Annuity required.

The twelfth Direction.

To find if a Leaſe in Reuerſion be offered in ſale for readie money, what Annuall Rent, beginning and continuing with the Leaſe, ſhall be paid to counteruaile the preſent Fine.

Finde by the fourth Direction, what the Fine will amount vnto, being put out for ſo many yeares as are to come betweene the bargaine and the beginning of the Leaſe.

Then, by the eightth Direction, finde what Annuity to

to endure for like time with the Leaſe, may be bought for that Fine ſo increaſed.

That Annuity is the annuall Rent required.

The thirteenth Direction.

To finde what Annuity for a certaine number of years, an Annuitie for a leſſe or greater number of yeares, with ſome money being deliuered therwith, will purchaſe, to begin preſently.

Finde by the ſeuenth Direction, what the buyers Annuity is worth ready money: to that ready money adde the money he will deliuer with the Annuity.

Then by the eighth Direction, finde what Annuity this Aggregate will buy, to endure the time giuen.

That Annuity is the Annuity required.

The fourteenth Direction.

To finde what readie money ought to be paid for a Leaſe, certaine yeares thereof being of ſome certaine yearely leſſe value then the reſt.

As if the Leaſe ſhould from the beginning to the end thereof, begin and continue in the greateſt profit; finde by the ſeuenth Direction, what that annuall profit is worth ready money.

Then finde alſo by the ſeuenth Direction, what the difference of the annuall profits, ſuppoſed to continue during the time of the leaſt annual profit, is worth ready money.

Abate this laſt concluſion from the former.

The Remainder is the ready money that ought to be paid for the Leaſe.

The fifteenth Direction.

The price or Fine of a Leaſe, to indure for a certaine Number of years, being knowen; To finde what a greater or leſſe Number of yeares is worth after that rate, not altering the Rent.

Find by the eightth Direction, what Annuity, to endure with the firſt Leaſe, may be bought for the Fine.

Then, by the ſeuenth Direction, finde what this laſt found Annuity, eſteemed to endure with the ſecond Leaſe, is worth in ready money.

That ready money is the valew of the ſecond Leaſe.

Theſe Directions may ſuffice (if they bee not more then ſufficient) to the ingenious, not only for ſuch caſes as before are mentioned, but alſo for the reſolution of diuers other Queſtions.

Notwithſtanding: becauſe the Readers acquaintance with *Arithmetick* may perhaps bee leſſe then ſeemeth in theſe Directions to be required; we will ſhewe the things more plainly by Queſtions, and Inſtructions how to work thoſe Queſtions, in ſuch eaſie manner, that if hee can but performe Addition, Subtraction, Multiplication, and Diuiſion, hee may be able to finde out their Solutions.

After each Inſtruction, we will worke the Queſtions by a better ordered *Arithmeticall* way; and yet in ſuch ſort

ſort, as ſhall not be hard to be perceiued by thoſe who haue ſuch skill in that worthy Art of Numbers, as were to bee wiſhed might bee found more common then it is.

But, before thou come to the Queſtions, know this; that as if thou worke with the Numbers themſelues in the Table, thou ſhalt finde the true and exact Solutions:

So if thou ſhalt worke with the Numbers in the Breuiat following, thou ſhalt more briefly reſolue thoſe Queſtions.

And yet the difference, between this Solution and the former, will not amount to a farthing in 10000^{li}.

The Breuiat of the Table *of* 10. *per Cent.*

Yeares.		Yeares.	
1	11000000	16	45949729
2	12100000	17	50544702
3	13310000	18	55599173
4	14641000	19	61159090
5	16105100	20	67274999
6	17715610	21	74002499
7	19487171	22	81402749
8	21435888	23	89543024
9	23579476	24	98497326
10	25937424	25	108347059
11	28531167	26	119181765
12	31384283	27	131099941
13	34522712	28	144209936
14	37974983	29	158630929
15	41772481	30	174494022

Theſe Numbers in this Breuiat muſt alſo be eſteemed Numerators, each of them hauing for Denominator 10000000.

Now follow the Queſtions: In working whereof, we will vſe this Breuiat.

The

The firſt Queſtion, being an example of the firſt Direction.

If 1^{li}. *be put forth at Intereſt after* 10. per Cent. per Annum, *Intereſt, and Intereſt vpon Intereſt, for* 30. *yeares; Vnto how much will it amount by the end of that time?*

BEcauſe the time in this Queſtion is 30. yeares, looke in the Breuiat next before ſet downe, for the thirtieth number; which you ſhall finde to be 174494022. from this cut off 7. figures, beginning to tell from your right hand towards your left, & then it will ſtand thus: 17|4494022. The 17. that ſtandeth on your left hand is 17^{li}.

Now Multiplie 4494022. (the 7. figures cut off) by 20. and the product will be 89880440. from this alſo cut off 7. figures, and then it wil ſtand thus 8|9880440. The 8. on your left hand is 8 ſh.

Now Multiplie 9880440. (the figures laſt cut off) by 12. and the product will be 118565280. from this alſo cut off 7. figures, and it will ſtand thus 11|8565280. The 11. on your left hand is 11 d.

So haue you found, that if 1^{li}. be put forth at Intereſt after 10. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt for 30. yeares, it will amount by the 30. yeares end, vnto 17 l. 8 ſh. 11 d.

The Worke.

Facit	l 17	4494022
	ſh 8	9880440
	d 11	8565280

The

The ſecond Queſtion, being an example of the ſecond Direction.

If 1^{li}. *Annuity, to endure* 12. *years, be all reſpited till the laſt paiment growe due, and then all be receiued together with the Intereſt, after* 10. per Cent. per An. *Intereſt, and Intereſt vpon Intereſt, of the other* 11. *payments; What will they amount vnto by the ſaid* 12. *yeares end?*

Becauſe the time in this Queſtion is 12. yeares, looke in the Breuiate for the twelfth Number, which is 31384283. from this Subtract 10000000. (being a Number equall to the Denominator of the ſaid twelfth Number in the Breuiat) ſo reſteth 21384283. Before this remainder place a Cipher, and it will be 213842830. frō this cut off 7. figures, & it wil ſtand thus; 21|3842830. The 21. on your left hand is 21^{li}.

Now Multiply 3842830. (the figures cut off) by 20. and the product will be 76856600. from this alſo cut off 7. figures, & it will ſtand thus; 7|6856600. The 7. on your left hand is 7 ſh.

Now Multiply 6856600. (the figures laſt cut off) by 12. and the product will bee 82279200. from this alſo cut off 7. figures, and it wil ſtand thus; 8|2279200. the 8. on your left hand is 8 d.

So haue you found, that if 1^{li}. Annuity for 12. yeares be all forborne till the 12. yeares end, to haue allowance of 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt, it will then amount vnto 21 l. 7 ſh. 8 d. &c.

The

The Worke.

Facit	l	21	3 8 4 2 8 3
	ſh	7	6 8 5 6 6
	d	8	2 2 7 9 2

The third Queſtion, being an example of the third Direction.

If 1 li. *Annuity, to endure* 21. *yeares, be to be ſolde for ready money, to be receiued preſently; How much ought that ready money to be, reckoning* 10. per Cent. per Annum, *Intereſt, and Intereſt vpon Intereſt?*

Becauſe the time in this Queſtion is 21. yeares, looke in the Breuiat for the one & twentieth Number; which is 74002499. from this Subtract 10000000. and there will remaine 64002499. before this place a Cipher, and it will bee 640024990. Diuide this by 74002499. (the ſaid one & twentieth Number in the Breuiat) and the quotient will be 8 li. and there will remaine 48004998. which Multiply by 20. and the product will bee 960099960. which Diuide by the ſaid 74002499. and the quotient will be 12 ſh. and then remaineth 72069972. which Multiply by 12. and the product will be 864839664. which Diuide by the ſaid 74002499. and the quotient will be 11 d.

So haue you found, that 1 li. Annuity, to endure 21. yeares, is worth 8 l. 12 ſh. 11 d. &c. ready money, reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

74002499 . . 1 . .		6400249992
3700124	*Facit*	8. 12. 11 d. &c.
		x86 3758
308		x 51
		3

The fourth Queſtion, being an example of the fourth Direction.

If 1000 li. *be put forth at Intereſt for* 17. *years, after* 10. per Cent. per Annum, *Intereſt, and Intereſt vpon Intereſt; Vnto what ſumme will it amount, by the end of that time?*

Becauſe the time in this Queſtion is 17. yeares, looke in the Breuiat for the ſeuenteenth Number; which you ſhall finde to be 50544702. Multiply this by 1000 li. (the Principal, named in the Queſtion) and the product will be 50544702000. from this cut off 7. figures, and it wil ſtand thus; 5054|4702000. The 5054. on your left hand are 5054 li.

Now Multiply 4702000 (the figures cut off) by 20. and the product will be 94040000. from this alſo cut off 7. figures, & it will ſtand thus; 9|4040000. The 9. on your left hand is 9 ſh.

Then Multiply 4040000 (the figures laſt cut off) by 12. and the product will be 48480000. from this alſo cut off 7. figures, & it will ſtand thus; 4|8480000. The 4. on your left hand is 4 d.

So

So haue you found, that if 1000 li. be put forth at Intereſt for 17. years, it wil amount vnto, by the 17. years end, 50541. 9 ſh. 4 d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

1 . .	1000 . .	*Facit*	l	50541	4702
			ſh	9	404
			d	4	848

The fift Queſtion, being an example of the fift Direction.

If a Leaſe for 30. years, to begin preſently, be worth 1000 li. *What is it worth in Reuerſion, to begin at 7. yeares end, reckoning* 10. per Cent. per Annum, *Intereſt, and Intereſt vpon Intereſt?*

Here, in effect the drift is to find what 1000 li. due at 7. yeares end, is worth now: which to find do thus;

Becauſe the time is 7. yeares, therefore looke in the Breuiat for the ſeuenth Number, which is 19487171. This is your Diuiſor.

To finde your Diuidend, becauſe the Denominator of 19487171. (your Diuiſor) is 10000000. therefore Multiply 1000 li. (the money due at 7. yeares end) by the ſaid 10000000. & the product wilbe 10000000000 This Number is your Diuidend.

Diuide 10000000000 (your Diuidend now found) by 19487171 (your Diuiſor before found) and the quotient will bee 513 li. and the remainder will be 3081277. which Multiply by 20. and the product

will be 61625540. which Diuide by the said Diuisor, and the quotient will be 3 sh. and the remainder will be 3164027. which Multiply by 12. and the product will be 37968324. which Diuide by the said Diuisor, and the quotient will be 1 d.

So haue you found, that when a Lease in *Esse* is worth 1000 li. the same Lease in Reuersion, after 7. yeares, is worth 513 l. 3 sh. 1 d. &c. reckoning 10. *per Cent. per Ann.* Interest, and Interest vpon Interest.

The Worke.

19487171 . . 1000 . . 1

Facit 513 l. 3 sh. 1 d. &c.

~~1~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~
~~2~~ ~~5~~ ~~6~~ ~~4~~ ~~1~~ ~~4~~ ~~5~~ ~~9~~ ~~7~~
~~6~~ ~~1~~ ~~5~~ ~~4~~ ~~2~~ ~~7~~ ~~7~~ ~~3~~
~~3~~ ~~0~~ ~~8~~ ~~1~~ 2 3
158

974358
811

The sixt Question, being an example of the sixt Direction.

A. *owes to* B. 800 li. *to be paid in* 8. *years*; viz. *at the end of each yere* 100 li. *They both agree to respite these payments till the end of the* 8. *yeares; at which time the whole* 800 li. *shall be paid, with the Interest after* 10. per Cent. per Ann. *Interest, and Interest vpon Interest: they therefore demand, What the sum is that* A. *should pay vnto* B. *at the* 8. *yeares end?*

Because the time in this Question is 8. yeares, looke in the

the Breuiat for the eightth Number, wch is 21435888. from this deduct 10000000. and there will remaine 11435888. before this place a Cipher, and it will bee 114358880. which Multiply by 100^li. (the yearely payment named in the Queſtion) and the product will be 11435888000. from this cut off 7. figures, & it will ſtand thus; 1143|5888000. The 1143. on your left hand are 1143^li.

Now Multiply 5888000. (the figures cut off) by 20. and the product will be 117760000. from this alſo cut off 7 figures, and it will ſtand thus; 11|7760000. The 11. on your left hand are 11 ſh.

Next, Multiply 7760000 (the figures laſt cut off) by 12. and the product will be 93120000. from this alſo cut off 7. figures, and it will ſtand thus; 9|3120000. The 9. on your left hand is 9 d.

So haue you found that 100^li. *per Ann.* for 8. yeares, all forborne till the 8. yeares end, will amount vnto by the 8. yeares end 1143 l. 11 ſh. 9 d. &c. reckoning 10. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The Worke.

1	.	.	100	.	.		1	1143	5888
						Facit	ſh	11	776
							d	9	312

The ſeuenth Queſtion, being an example of the ſeuenth Direction.

There is an extent vpon certaine Lands for 600^li. *to be receiued by* 50^li. per Ann. *The owner of the Lands agreeth with his Creditor, to buy out this Extent with*

ready money, reckoning 10. per Cent. per Annum, *Intereſt, and Intereſt vpon intereſt: they therefore demand, How much that ready money ought to be?*

Conſider, that if 600 li. be paid by 50 li. *per Annum*, it will bee 12. yeares in paying. Therfore looke in the Breuiat for the twelfth Number; which is 3138283. from this Subtract 10000000. and there will remaine 2138283. before this place a Cipher, and it will bee 21384283 0. Multiply this by 50 li. (the yearely payment named in the Queſtion) and the product will be 1069214150 0. Diuide this by 3138283 (the ſaid twelfth Number in the Breuiat) & the quotient will be 340 li. and there will remain 2148528 0. which Multiply by 20. and the product will be 429705600. which Diuide by the ſame 3138283. & the quotient will be 13 ſh. and there will remaine 2170921. which Multiply by 12. and the product will be 26051052. which Diuide by the ſame 3138283. and the quotient will be 8 d.

So haue you found, that the owner of the Lands, to buy out the Extent of 50 li. *per Annum* for 12. yeares, muſt pay in ready mony 340 l. 13 ſh. 8 d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Int.

The Worke.

1 .. 50 ..	21384283 0	*Facit* 340. 13. 8 d. &c.	
	3138283		x069x14x500
			x27685668 8
	1569214		2x485x24
			57932x9
	1307		1 854

The

The eighth Queſtion, being an example of the eighth Direction.

What Annuity, to endure 21. years, is worth 300 li. *reckoning* 10. per Cent. per Ann. *Intereſt, and Intereſt vpon Intereſt.*

Becauſe the time in this Queſtion is 21. years, look in the Breuiat for the one and twentieth Number, which is 74002499. from this Subtract 10000000. and there will remaine 64002499: before this place a Cipher, & it will be 640024990. This number is your Diuiſor.

To finde your Diuidend, do thus: Multiply 300 li. (the price of the Annuity to be bought, named in the Queſtion) by 74002499. (the ſaid one and twentieth Number in the Breuiate) and the product will bee 22200749700. This number is your Diuidend.

Wherfore Diuide 22200749700. (your Diuidend now found) by 640024990. (your Diuiſor before found) and the quotient will be 34 li. and there will remain 439900040. which Multiply by 20. and the product will be 8798000800. Diuide this by the ſaid Diuiſor, and the quotient will be 13 ſh. and there will remain 47767593. which Multiply by 12. and the product will be 573211116. which Diuide by the ſaid Diuiſor, and the quotient will be 8 d.

So the Anſwer is, that 341. 13 ſh. 8 d. *per Annum* for 21. yeares, is worth 300 l. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The

The Worke.

640024990	. .	300	. .	1
74002499		*Facit* 34.	13.	8 d.&c.
		~~2~~ ~~2~~ ~~2~~ ~~0~~ ~~0~~ ~~7~~ ~~4~~ ~~9~~ ~~7~~ ~~0~~		
3200124		~~3~~ ~~4~~ ~~3~~ ~~9~~ ~~9~~ 8 ~~7~~ ~~6~~ ~~4~~		
		~~1~~ ~~1~~ 3 8		3 9 2
2666		2		

The ninth Question, being another example of the eightth Direction.

If a Lease, to endure 13. *yeares, be offered for* 200^{li}. *and the Lessee desire rather to pay an annuall Rent; the Question is, What that annuall Rent ought to be, reckoning* 10. per Cent. per Annum, *Interest, and Interest vpon Interest; that one of these bargains may be as good as the other to both the parties?*

The drift in this Question (as you see) is to find what Annuity to endure 13. yeares is worth 200^{li}. ready money: therfore this Question is like the last. Wherefore you must take the like course here as you did there; which is as followeth:

Because the time in this Question is 13. yeares, therefore looke in the Breuiat for the thirteenth Numbēr, which is 34522712. from this Subtract 10000000. and there will remaine 24522712. before this place a Cipher, and it will be 245227120. This is your Diuisor.

To

To finde your Diuidend, Multiply 200 l. (the Fine named in the Queſtion) by 34522712. (the ſaid thirteenth Number in the Breuiat) and the product will be 6904542400. This is your Diuidend.

Wherefore Diuide 6904542400. (your Diuidend now found) by 245227120. (your Diuiſor before found) and the quotient will be 28 l. and there will remaine 38183040. which Multiply by 20. and the product will be 763660800. Diuide this by your ſaid Diuiſor, and the quotient will be 3 ſh. and there will remain 27979440. which Multiply by 12. and the product wilbe 335753280. Diuide this by the ſaid Diuiſor, and the quotient will be 1 d.

So haue you found, that 28 l. 3 ſh. 1 d. &c. *per Annum* for 13. yeares, is neyther better nor worſe then 200 l. in ready money, reckoning 10. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The Worke.

245227120 . . 200 . . 1

34522712

Facit 28. 3. 1 d. &c.

1226135
102

6904542400
2 38183940
1398 9

The tenth Queſtion, being an example of the ninth Direction.

A. *and* B. *haue each of them an Annuity to endure*

dure 15. *yeares: the Annuity of* A. *is* 70 l. *the Annuity of* B. *is* 150 l. *They agree to exchange their Annuities; and that* A. *ſhall pay, in ready money, ſo much as ſhall counteruaile the difference of the Annuities. The Queſtion is, How much ready money* A. *ſhall pay to* B. *reckoning* 10. per Cent. per Annum, *Intereſt, and Intereſt vpon intereſt?*

Firſt, abate the leſſe Annuity from the greater, and there will remaine 80 li. Then finde what 80 li. *per An.* for 15. yeares is worth ready money: which thus do;

Becauſe the number of yeares is 15. therefore looke in the Breuiate for the fifteenth Number, which is 41772481. from this Subtract 10000000. ſo reſteth 31772481. before this place a Cipher, and it will bee 317724810. Multiply this by 80 li. the Annuity (whoſe value in ready money you now ſeeke) and the product will be 2541798480 0. this Number is your Diuidend: which Diuide by 41772481. (the ſaid fifteenth Number in the Breuiat) and the quotient will be 608 li. and there will remaine 2031635 2. which Multiply by 20. and the product wilbe 406327040. which Diuide by the ſaid 41772481. and the quotient will be 9 ſh. and there will remaine 30374711. which Multiply by 12. and the product will be 364496532. which Diuide by the ſaid 41772481. and the quotient will be 8 d.

So haue you found, that *A.* muſt pay to *B.* 608 l. 9 ſh. 8 d. &c. ready money, to make the exchange of 70 li. Annuity for 150 li. Annuity for 15. years, equall; reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The

The Worke.

	317724810	*Fa.* 608. 9. 8 d &c.
1 . . 80 . .	41772481	~~2~~ ~~5~~ ~~4~~ ~~1~~ ~~7~~ ~~9~~ ~~8~~ ~~4~~ ~~8~~ ~~0~~ ~~0~~
	2088624	~~3~~ ~~5~~ ~~4~~ ~~4~~ ~~9~~ ~~6~~ ~~2~~ ~~5~~ ~~2~~
		~~2~~ 1 ~~3~~ 1 8 ~~3~~ 3 6
	174	5 7

The eleuenth Question, being an example of the tenth Direction.

There is a Lease to be solde for 30. *yeares, whereof the Fine is* 100 l. *and the yeares Rent* 10 l. *the Lessee desireth to pay lesse Rent, and therefore is content to giue a greater Fine. The Question is therefore, if the yearely Rent be decreased to* 4 l. *How much the Fine ought to be encreased, reckoning* 10. per Cent. per An. *Interest, and Interest vpon interest?*

First, you see, that if the 10^{li}. Rent be decreased to 4^{li}. Rent, the Rent is diminished 6 l. *per Annum.*

Therefore finde what 6 l. *per Annum* for 30 years, is worth ready money, working after the same manner as you did in the last Question, and in the seuenth Question; only remembring to take the Numbers in the Breuiate, according to the yeares in the Question: and you shall finde, that 6 l. *per An.* for 30. years, is worth in ready money 56 l. 11 sh. 2 d. &c. whereby it appears, that if the Lessee abate 6 l. of his yearely Rent, he must encrease his Fine of 100 l. to 156 l. 11 sh. 2 d. &c.

The Worke.

1 . . 6 . .	1644940220	*Facit* 56. 11. 2 d.&c.
	174494022	~~9~~ ~~8~~ ~~6~~ ~~9~~ ~~6~~ ~~4~~ ~~1~~ ~~3~~ ~~2~~ ~~0~~
	8724701	~~1~~ ~~1~~ ~~4~~ ~~4~~ ~~9~~ ~~7~~ ~~6~~ ~~2~~ 8 8
		~~9~~ ~~7~~ ~~7~~ ~~2~~ ~~9~~ 3 7 7
	727	~~1~~ 2 4

The twelfth Question, being another example of the tenth Direction.

If the Lease of an house for 21. *years, be worth* 100 l. *Fine, and* 10 l. per Annum *Rent: Of how much yearly Rent ought it be, to bring the Fine down to* 60 l. *reckoning* 10. per Cent. per Annum, *Interest, and Interest vpon Interest?*

First, it is manifest, if the Fine of 100 l. bee decreased to 60 l. that the taker of the Lease abateth 40 l. of his Fine.

Therefore finde what Annuity for 21. yeares 40 l. will buy: which to finde, worke as you were taught to worke the eightth Question; and you shall finde that 4 l. 12 sh. 5 d.&c. Annuity for 21. yeares, is worth 40 l. ready money, reckoning 10. *per Cent. per Annum*, Interest, and Interest vpon Interest. Whereby you see, that if the Lessee bring downe his Fine of 100 l. to 60 l. he must raise his Rent of 10 l. to 14 l. 12 sh. 5 d.&c.

The

The Worke.

640024990	. .	40	. .	1
74002499				

Facit 4. 12. 5 d. &c.

	296009996
3200124	47998762
2666	15 51

The thirteenth Question, being an example of the eleuenth Direction.

What Annuity, to endure 10. *yeares, may I grant for* 500 l. *to be receiued at* 4. *yeares end, reckoning* 10. per Cent. per Annum, *interest, and interest vpon interest?*

To finde your Diuidend, do thus;

Because the 500 l. (the price of the Annuity in the Question) is to be paid at 4. yeares end, therfore Multiply it by the Denominator of the fourth Number in the Breuiat; which is 10000000. (being also Denominator to euery Number in the Breuiat, as before vnder the Breuiate is shewed) and the product will bee 5000000000. which Multiply by 25937424. (the tenth Number in the Breuiat) because the Annuity demanded in the Question is to endure 10. yeares, and the product will be

129687120000000000

This Number is your Diuidend.

To finde your Diuisor, do as followeth:

Because the time of the Annuity to bee graunted

is 10.yeares, therfore looke in the Breuiat for the tenth Number, which is 25937424. from this Subtract 10000000.and there will remaine 15937424. before this,place a Cipher; and it will be 159374240. which Multiply by 14641000. (the fourth Number in the Breuiat) becauſe the 500 l. (the price of the Annuity in the Queſtion) is to be paid at 4. yeares end: and the product will be

233339824784 0000.

This Number is your Diuiſor.

By this Diuiſor now found, Diuide the Diuidend aboue-found; and the quotient will bee 55 l. and there will remaine

1350216368 80.

With which remainder, worke as in diuers Queſtions before you haue beene inſtructed to worke with remainders: and you ſhall finde this remainder to bee in value 11 ſh.6 d.&c.

So haue you found, that the Annuity to endure 10. yeares, which I may graunt for 500 l. to be receiued at 4.yeares end, is 55 l. 11 ſh.6 d. &c. reckoning 10. *per Cent.per An.* Intereſt, and Intereſt vpon Intereſt.

The

The Worke.

14641 . .	500 . .	1
159374240 . .	5000000 . .	1
~~25937424~~	14641	
63749696		
95624544		
63749696		
15937424	*Facit* 55. 11. 6d. &c.	
233339824784	~~129687120000000~~	
	~~133102176688~~1	
11666991239	~~115354~~63449	
	868 72325	
972	6 3	

The fourteenth Question, being an example of the twelfth Direction.

I haue 10. *years yet to come of an olde Lease: I would take a new Lease in Reuersion, to endure* 21. *yeares, after the expiration of mine old Lease; for which I am demanded* 100 l. *to be paide now. In stead whereof, I offer such an annual Rent, during the new Lease, as shal counteruaile the said present Fine, reckoning* 10. per Cent. per Annum, *interest, and interest vpon interest. Mine offer is accepted: therefore I demaund, What the annuall Rent shall be?*

Because the old Lease is yet to endure 10. years, look in the Breuiat for the tenth Number, wch is 25937424 Multiply this by 100 l. (the Fine demanded) and the product

product will be 2593742400. Now becauſe the new Leaſe is to endure 21. yeares, looke in the Breuiat for the one and twentieth Number, which is 74002499. by this Multiply the 2593742400. (before found) and the product will be

191943419362257600

This Number is your Diuidend.

To finde your Diuiſor, do as followeth:

Becauſe the Leaſe in Reuerſion is to endure 21. years, therefore from 74002499. (the ſaid one and twentieth Number in the Breuiat) Subtract 10000000. and there will remaine 64002499. before this place a Cipher, and it will bee 640024990. Multiply this by 10000000. (the Denominator to the ſaid tenth Number in the Breuiat) and the product will be

640024990000000.

This Number is your Diuiſor.

Diuide therefore your Diuidend before found, by your Diuiſor now found, and the quotient will be 29 l. And as touching the Remainder, if you ſhall work with it, as before you haue beene inſtructed to worke with Remainders, you ſhall finde the value thereof to bee 19 ſh. 9 d. &c.

So haue you found, that the annuall Rent of 29 l. 19 ſh. 9 d. &c to begin at 10. yeares end, and to endure 21. yeares, will counteruaile 100 l. ready money, reckoning 10. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The

The Worke.

1 . . 100 . . 25937424
640024990
. . 25937424 . . 1
74002499

233436816
233436816
103749696
51874848
103749696
181561968

Facit 29. 19. 9d. &c.

~~1~~9~~1~~9~~4~~3~~4~~1~~9~~3622576
3200124 ~~6~~3~~3~~3~~8~~1~~2~~1~~2~~
~~6~~1~~5~~6~~9~~7~~2~~6~~
26 ~~3~~2 5 ~~4~~8
36

The fifteenth Question, being an example of the thirteenth Direction.

What Annuity to endure 21 *.years, is worth* 200 l. *ready money and an Annuity of* 50 l. per Annum *for* 7 *.yeares; reckoning* 10. per Cent. per Annum, *Interest, and Interest vpon Interest.*

First, account him the Buyer in this Question, that should giue the 200 l. ready money, and the 50 l. Annuity.

Then, because the Buyer his Annuity of 50 l. is to en-

dure 7. yeares, therefore looke in the Breuiat for the ſeuenth Number, which is 19487171. from this Subtract 10000000. and there will remaine 9487171. before this place a Cipher, and it will be 94871710. Multiply this by 501. (the Buyer his Annuity) and the product will be 4743585500

Next, becauſe the Buyer his Annuity is to endure 7. yeares; therefore by the ſaid ſeuenth Number in the Breuiat, being 19487171. multiply 200 l. (the Buyers ready money) and the product will be 3897434200.

Which adde vnto 4743585500. before found; and the Aggregate will be 8641019700. which Multiply by the one and twentieth Number in the Breuiat, being 74002499 (becauſe the Annuity to be bought is to endure 21. yeares) and the product will be

639457051708230300.

This Number is your Diuidend.

To finde your Diuiſor, do as followeth:

Becauſe the Annuity to bee bought is to endure 21. years; therfore from the one and twentieth Number in the Breuiat, being 74002499. ſubtract 10000000. and there will remaine 64002499. before this place a Cipher, and it will be 640024990. which Multiply by 19487171. (the ſeuenth Number in the Breuiat) becauſe the Buyer his Annuity is to endure 7. yeares; and the product will be

124722764244032 90.

This Number is your Diuiſor.

Diuide the Diuidend aboue-found, by this Diuiſor now found, & the quotient wilbe 511 l. And as touching the Remainder; if you ſhall worke with it as before you haue bin taught to worke with Remainders, you ſhall finde the value thereof to be 5 ſh. 4 d. &c. So

So the Answer is, that 51 l. 5 sh. 4 d. &c. *per Ann.* for 21. yeares, is worth 200 l. ready money and 50 l. Annuity for 7. yeares, reckoning 10. *per Cent. per Ann.* Interest, and Int. vpon Int.

The Worke.

1 . . 50 . . 94871710 — 19487171

4743585500
3897434200
86410197

640024990 . . 8641019700 . . 1
74002499 — 19487171

175384539
175384539
77948684
38974342
77948684
116923026

1247227642440329

604871379
345640788
172820394
345640788
777691773
777691773

~~63945705170823030~~

Facit 51. 5. 4 d. &c.

~~1584323~~ 44836 6581
~~3372~~ ~~95~~ 9675 ~~25~~
25 88 5 17

62361382122016
519

The sixteenth Question, being an example of the fourteenth Direction.

There is a Lease for 30. years yet to come, wherof the present yearly profit, al out-rents paid, is 10 l. but after 21. yeares it will yeelde 28 l. yearely, all out-rents paid.

This Leaſe is offered in ſale: the Queſtion is, What may be giuen for it, reckoning 10. per Cent per Ann. *Intereſt, and intereſt vpon Intereſt?*

Suppoſe the greateſt annuall profite doth begin and continue the whole 30. yeares.

Firſt, therefore finde what 28 l. *per Annum* for 30. yeares, is worth ready money, thus:

Becauſe the time, that the 28 l. *per Annum* profit is ſuppoſed to endure, is 30. years; therefore looke in the Breuiat for the thirtieth Number, wch is 174494022. from this Subtract 100000000. and there will remaine 164494022. before this place a Cipher, and it will be 1644940220. Multiply this by the ſaid 28 l. and the product will bee 46058326160. which Diuide by 174494022. (the ſaid thirtieth Number in the Breuiat) and the quotient will be 263 l. and the value of the Remainder you ſhall finde to be 19 ſh. &c.

So haue you found, that 28 l. *per Annum* for 30. yeares, is worth ready money,

263 l. 19 ſh. &c.

Now, becauſe for 21. yeares of this 30. yeares there is but 10 l *per Ann.* profit, and you haue reckoned 28 l. *per Ann.* profit; therefore Subtract 10 l. from 28 l. ſo will reſt 18 l. Which ſheweth, that the ſaid 263 l. 19 ſh. &c. before found, is too much by ſo much as 18 l. *per Annum* for 21. yeares is worth ready money.

Therefore finde what 18 l. *per Ann.* for 21. yeares is worth ready money. Which to doe, worke as you wrought in finding what 28 l. *per Annum* for 30. years, was worth ready money; onely altering the Number in the Breuiat, according as the number of years alters:

and

and you shall finde that 18 l. *per Annum* for 21. yeares, is worth in ready money 155 l. 13 sh. 6 d. &c. which 155 l. 13 sh. 6 d. &c. (the value of 18 l. *per Annum* for 21. yeares) Subtract from 263 l. 19 sh. &c. (the value of 28 l. *per Annum* for 30. yeares) and you shall finde remayning,

108 l. 5 sh. 6 d. &c.

Which is the value of that Lease, that yeelds for 21. yeares 10 l. *per Annum* profit; and after 21. yeares, till 30. years be expired, 28 l. *per Ann.* profit, reckoning 10. *per Cent. per Ann.* Interest, and Interest vpon Interest.

The Worke.

1 .. 28 ..	1644940220	6579760880
	174494022	263.19 sh. &c.
		~~4605832616~~0
		~~1118958174~~4
8724701		~~6668984~~75
		~~1793513~~6
72		~~1~~29 5
		6
1 .. 18 ..	640024990	1280049980
	74002499	155.13.6 d. &c.
		~~1152044982~~0
		~~4153194975~~
3700124		~~4119724~~33
308		6~~1~~26
	Facit 108 l. 5 sh. 6 d. &c.	8

The ſeuenteenth Queſtion, being an example of the fifteenth Direction.

If the Leaſe of an Houſe or Land for 10. *yeares be worth* 100 l. *Fine, and* 10 l. per Ann. *Rent; What Fine is a Leaſe of the ſame Houſe or Land worth for* 20. *yeares, not altering the Rent, reckoning* 10. per Cent. per Ann. *Intereſt, and Intereſt vpon Intereſt?*

Becauſe the Number of years in this Queſtion, whereof the price is knowne, is 10. yeares; therefore looke in the Breuiat for the tenth Number, which is 25937424. from this Subtract 10000000. and there will remaine 15937424. before this place a Cipher, and it will bee 159374240.

Now becauſe the Number of yeares, whereof the price is demanded in the Queſtion, is 20. therfore looke in the Breuiate for the twentieth Number, which is 67274999. Multiply this by 159374240. (before found) and the product will be

1072190183662 5760

This Number is your Diuiſor.

To finde your Diuidend doe as followeth:

Becauſe the Number of yeares, whereof the value is asked in the Queſtion, is 20. therfore from 67274999 (the ſaid twentieth Number in the Breuiat) Subtract 10000000. and there will remaine 57274999. before this place a Cipher, and it will bee 572749990. Multiply this by 100 l. (the price of the 10. yeares named in the Queſtion) and the product will bee 5727499900 0.

Now

Now, becauſe the Number of years in the Queſtion, whereof the price is knowne, is 10. therefore Multiply 57274990000 now found, by 25937424 (the ſaid tenth Number in the Breuiate) and the product will be

148556593366257 6000.

This Number is your Diuidend.

Diuide this Diuidend by the Diuiſor before found, and the quotient will bee 1381. And as touching the Remainder; if you worke with it as in other Inſtructions before you haue beene taught, you ſhall fiude the value thereof to be 11 ſh. 1 d. &c.

So it appeares, that if a Leaſe for 10. yeares be worth 1000 l. a Leaſe of the ſame Houſe or Land is worth for 20. yeares 1381 l. 11 ſh. 1 d. &c. after that rate; reckoning 10. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The

The Worke.

159374240 . . 100 . . 1

25937424

1 . . 259374240 . . 572749990

15937424 67274999

67274999
336374995
605474991
201824997
470924993
269099996
134549998
269099996

10721901836625 76

233436816
233436816
233436816
103749696
181561968
51874848
181561968
129687120

~~1485565933662576 00~~

Facit 138. 11. 1d.&c.

~~1337875498122722~~
~~9171369929897114~~
~~5942484 1 9 83~~
~~5865 2~~ 8 7
4 43

5360950918 3128

446

The seuenteenth Question may otherwise more briefly be resolued as followeth:

Because 20. yeares is 10. yeares and 10. yeares; you may conceiue, that as the first 10. years are worth 100 l. at the beginning of them: so the last 10. yeares are also worth 100 l. at the beginning of them; which will bee iust

iust 10. yeares after the beginning of the whole 20. yeares. Therefore finde what 100 l. due at 10. yeares end, is worth at the beginning of them: which to doe, worke as you were taught in the fift Question, and you shall finde, that 100 l. due at 10. yeares end, is worth at the beginning of those 10. yeares 38 l. 11 sh. 1 d. &c. Adde this to 100 l: the Aggregate will be

138. 11. 1 d. &c.

And this is the money that 20. years are worth, when 10. yeares are worth 100 l.

Which Answer is the very same, that by the other generall way you found.

The Worke.

25937424	. .	100	. . 1
			38. 11. 1 d. &c.
			~~1~~~~0~~~~0~~~~0~~~~0~~~~0~~~~0~~~~0~~~~0~~
			~~2~~~~2~~~~1~~~~8~~~~7~~~~7~~~~2~~~~8~~~~8~~
1296871			~~1~~~~4~~~~3~~~~1~~~~9~~~~8~~~~7~~~~7~~
			~~1~~~~4~~ ~~2~~~~1~~
108			1 3

If the Question should be giuen thus: *If* 10. *yeares be worth* 100 l; *What are* 12. *yeares, or* 21. *yeares, &c. worth?* then you cannot perform it by this briefe manner; but in such cases you must worke according to the first manner.

FOVRE OTHER BREVIATS HERE FOLLOVV: BY HELPE WHEREOF SOME of the Queſtions before wrought, and *their like, may yet more briefly be concluded.*

Of which Breuiats,

1 The firſt ſheweth, what 1 l. due at the end of any Number of years not aboue 30. is worth in ready money.

2 The ſecond ſheweth, what 1 l. Annuity to endure for any Number of yeares not aboue 30. is worth, to be paid for when the Annuity ceaſeth.

3 The third ſheweth, what 1 l. Annuity to endure for any Number of yeares not aboue 30. is worth, to be paid for when the Annuity beginneth.

4 The fourth Breuiat ſheweth, what Annuity to endure for any Number of yeares not aboue 30. may be bought for 1 l. ready money.

In all reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

Other Breuiats, ſeruing

The firſt Breuiat, ſhewing what 1 li. due at the end of any Number of yeares vnder 31. is worth in ready money.

Yeares.		Yeares.	
1	9090909	16	2176291
2	8264462	17	1978446
3	7513148	18	1798587
4	6830134	19	1635079
5	6209213	20	1486436
6	5644739	21	1351305
7	5131581	22	1228459
8	4665073	23	1116781
9	4240976	24	1015255
10	3855432	25	922959
11	3504939	26	839054
12	3186308	27	762776
13	2896643	28	693433
14	2633312	29	630394
15	2393920	30	573085

This firſt Breuiat is called, by ſome,
A Table for Diſcounting.

The Numbers, in this Breuiat, muſt alſo bee eſteemed for Numerators; each of them hauing for Denominator 10000000.

for Queſtions of 10. *per Cent.*

The ſecond Breuiat, ſhewing what 1 li. Annuity is worth, at the end of any Number of yeares vnder 31.

Yeares.		Yeares.	
1	10000000	16	359497298
2	21000000	17	405447028
3	33100000	18	455991731
4	46410000	19	511590904
5	61051000	20	572749994
6	77156100	21	640024994
7	94871710	22	714027493
8	114358881	23	795430243
9	135794769	24	884973267
10	159374246	25	983470594
11	185311670	26	1091817653
12	213842837	27	1210999419
13	245227121	28	1342099361
14	279749833	29	1486309297
15	317724816	30	1644940226

Alſo in this Breuiat, the Numbers muſt be eſteemed for Numerators; each of them hauing for Denominator 10000000.

Other Breuiats, ſeruing

The third Breuiat, ſhewing what 1 li. Annuity for any Number of yeares vnder 31. is worth in ready money.

Yeares.		Yeares.	
1	9090909	16	78237087
2	17355371	17	80215534
3	24868519	18	82014121
4	31698654	19	83649201
5	37907867	20	85135637
6	43552606	21	86486943
7	48684188	22	87715402
8	53349262	23	88832184
9	57590240	24	89847440
10	61445672	25	90770400
11	64950609	26	91609454
12	68136919	27	92372232
13	71033562	28	93065665
14	73666875	29	93696059
15	76060796	30	94269144

Likewiſe in this Breuiat, the Numbers muſt be eſteemed for Numerators; each of them hauing for Denominator 10000000.

for Queſtions of 10. *per Cent.*

The fourth Breuiat, ſhewing what Annuity for any Number of yeares vnder 31. 1li. ready money will buy.

Yeares.		Yeares.	
1	11000000	16	1278166
2	5761905	17	1246641
3	4021148	18	1219302
4	3154708	19	1195468
5	2637974	20	1174596
6	2296073	21	1156243
7	2054055	22	1140050
8	1874440	23	1125718
9	1736405	24	1112997
10	1627453	25	1101680
11	1539631	26	1091590
12	1467633	27	1082576
13	1407785	28	1074510
14	1357462	29	1067280
15	1314737	30	1060792

The Numbers, in this Breuiat, muſt alſo bee eſteemed for Numerators; each of them hauing for Denominator 10000000.

The

The fift Queſtion may be wrought by the firſt of theſe foure Breuiats; which fift Queſtion in effect was this:

What 1000 l. *due at* 7. *years end, is worth in ready money; reckoning* 10. per Cent. per Annum, *Intereſt, and Intereſt vpon Intereſt?*

Becauſe the Demaund in this Queſtion, is to know what a debt, due at time, is worth ready money; therefore turne to the firſt of the foure laſt Breuiats.

And becauſe the time in this Queſtion is 7. yeares, therefore looke in the ſame firſt Breuiat, for the ſeuenth Number; which is

5 1 3 1 5 8 1

Multiply this by 1000 l. (the debt named in the Queſtion) and the product will be 5 1 3 1 5 8 1 0 0 0. from this cut off 7. figures, and it will ſtand thus: 5 1 3 | 1 5 8 1 0 0 0. The 5 1 3. ſtanding on your left hand, is 5 1 3 l. And as for 1 5 8 1 0 0 0. (the figures cut off) if you deale with them as you were inſtructed (in the firſt, ſecond, fourth, and ſixt Queſtions) to deale with figures cut off, you ſhall finde the value thereof to be 3 ſh. 1 d. &c.

So haue you found, that 1000 l. due at 7. years end, is worth in ready money, 5 1 3 l. 3 ſh. 1 d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

Which is the ſame Anſwer that you found by working the fift Queſtion, after the other manner.

The

The Worke.

Facit { l 5 1 3 | 1 5 8 1
ſh 3 | 1 6 2
d 1 | 9 4 4

The ſixt Queſtion may be wrought by the ſecond of theſe Breuiats; which Queſtion in effect was this:

What 100 l. per Annum *for* 8. *yeares is worth, to be paid at the* 8. *yeares end; reckoning* 10. per Cent. per Ann. *Intereſt, and intereſt vpon intereſt?*

Becauſe the drift in this Queſtion, is to finde what an annuity is worth, to be paid all together at the end thereof; therfore turn to the ſecond of the foure laſt Breuiats.

And becauſe the time in this Queſtion is 8. yeares, therfore look in the ſame ſecond Breuiat for the eighth Number; which is 11435881. which Multiply by 100 l. (the Annuity named in the Queſtion) and the product will be 1143588100. from this cut off 7. figures, and it will ſtand thus: 1143|5881|00. The 1143. on your left hand is 1143 l. And if you worke with the figures cut off, as you haue been taught in the firſt, ſecond, fourth, and ſixt Queſtions, you ſhall finde the value of them to be 11 ſh. 9 d. &c.

So haue you found, that 100 l. *per Ann.* for 8. years, if it be all forborn til the 8. years end, is then worth 1143 l. 11 ſh. 9 d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

Which is the ſame Anſwer you found by working the ſixt Queſtion after the other manner.

The Worke.

Facit	l	11	43	5 8 8 8 1
	ſh		11	7 7 6 2
	d		9	3 1 4 4

The ſeuenth Queſtion may be wrought by the third of theſe Breuiats; which ſeuenth Queſtion in effect, was this:

What ready money 50 l. per Annum *for* 12. *yeares, is worth; reckoning* 10. per Cent. per Ann. *Intereſt, and Intereſt vpon Intereſt?*

Becauſe the drift in this Queſtion, is to finde what an Annuity is worth, to be paid when the Annuity beginneth; therefore turne to the ~~firſt~~ 3 of the foure laſt Breuiats.

And becauſe the time in this Queſtion is 12. yeares, look for the twelfth Number in the ſame third Breuiat, wch is 6813691 9/10. Multiply this by 50 l. (the Annuitie named in the Queſtion) and the product will bee 340684595/10. from this cut off 7. figures, and it will ſtand thus: 340|6845 9/10. The 340 on your left hand is 340 l. And the figures cut off be in value 13 ſh. 8 d. &c.

So haue you found, that 50 l. *per Annum* for 12. yeares, is worth 340 l. 13 ſh. 8 d. &c. ready money; reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt: which is the ſame Anſwere you found, working the Queſtion after the other manner.

The

The Worke.

6 8 1 3 6 9 1 8

Facit 1 3 4 0 6 8 4 5 9 0 0
ſh 1 3 6 9 1 8
d 8 3 0 1 6

The eighth Queſtion may be wrought by the fourth of theſe Breuiats; which Queſtion was this:

What Annuity to endure 21. *yeares, is worth* 300 l. *reckoning* 10. per Cent. per Ann. *Intereſt, and intereſt vpon intereſt?*

Becauſe the drift in this queſtion, is, to finde what Annuitie ought to bee bought for a ſumme named; therfore turne to the fourth of the foure laſt Breuiats.

And becauſe the time in this Queſtion is 21. yeares, looke for the one and twentieth Number in the ſame fourth Breuiat; which is, 1156243. Multiply this by 300 l. (the price of the Annuity to be bought, named in the Queſtion) and the product will bee 346872900. from which cut off 7. figures, and it will ſtand thus: 34|6872900. The 34. on your left hand is 34 l. And as for the figures cut off; if you reduce them to ſhillings and pence, as before you haue beene taught, you ſhall finde their value to be 13 ſh. 8 d. &c.

So haue you found, that 34 l. 13 ſh. 8 d. &c. *per Ann.* for 21. yeares, is worth 300 l. reckoning 10. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

Which is the ſame Anſwer you found, in working the eighth Queſtion, after the other manner.

The Worke.

		1 1 5 6 2 4 3	
Facit	l	3 4	6 8 7 2 9
	ſh	1 3	7 4 5 8
	d	8	9 4 9 6

Let this ſuffice for the Queſtions of 10. *per Cent.* and let vs proceede to the Queſtions of 9. *per Cent.* 8. *per Cent.* 7. *per Cent.* 6. *per Cent.* and 5. *per Cent.*

Wherefore of each of theſe Intereſts, wee will firſt ſet downe Breuiats, and then Queſtions.

In which Breuiats (as in the former) account all the Numbers, for Numerators; & each of them to haue for Denominator, 10000000.

A BREVIAT, SERVING FOR QVESTIONS of 9. *per Cent.*

Years.		Years.
1	10900000	16
2	11881000	17
3	12950290	18
4	14115816	19
5	15386239	20
6	16771001	21
7	18280391	22
8	19925626	23
9	21718932	24
10	23673636	25
11	25804264	26
12	28126647	27
13	30658046	28
14	33417270	29
15	36424824	30
16	39703058	
17	43276334	
18	47171204	
19	51416612	
20	56044107	
21	61088077	
22	66586004	
23	72578744	
24	79110831	
25	86230806	
26	93991579	
27	102450821	
28	111671395	
29	121721820	
30	132676784	

This Breuiat ſheweth, what 1 li. will amount to, after 9. *per Cent.* by the end of any Number of yeares vnder 31.

A BREVIAT, SERVING FOR QVESTIONS of 8. *per Cent.*

Yeares.			*Yeares.*
1	10800000	34259426	16
2	11664000	37000180	17
3	12597120	39960194	18
4	13604889	43157010	19
5	14693280	46609571	20
6	15868743	50338337	21
7	17138242	54365404	22
8	18509302	58714636	23
9	19990046	63411807	24
10	21589249	68484751	25
11	23316389	73963532	26
12	25181701	79880614	27
13	27196237	86271063	28
14	29371936	93172748	29
15	31721691	100626568	30

This Breuiat ſheweth, what 1 li. will amount to, after 8. *per Cent.* by the end of any Number of yeares vnder 31.

A BREVIAT, SERVING FOR QVESTIONS of 7. per Cent.

Years.			Years.
1	10700000	29521637	16
2	11449000	31588152	17
3	12250430	33799322	18
4	13107960	36165275	19
5	14025517	38696844	20
6	15007303	41405623	21
7	16057814	44304017	22
8	17181861	47405298	23
9	18384592	50723669	24
10	19671513	54274326	25
11	21048519	58073529	26
12	22521915	62138676	27
13	24098450	66488383	28
14	25785341	71142570	29
15	27590315	76122550	30

This Breuiat sheweth, what 1 li. will amount to, after 7. *per Cent.* by the end of any Number of yeares vnder 31.

A BREVIAT, SERVING FOR QVESTIONS *of* 6. *per Cent.*

Years.			Years.
1	10600000	25403516	16
2	11236000	26927727	17
3	11910160	28543391	18
4	12624769	30255995	19
5	13382255	32071354	20
6	14185191	33995636	21
7	15036302	36035374	22
8	15938480	38197496	23
9	16894789	40489346	24
10	17908476	42918707	25
11	18982985	45493829	26
12	20121964	48223459	27
13	21329282	51116866	28
14	22609039	54183878	29
15	23965581	57434911	30

This Breuiat ſheweth, what 1 li. will amount to, after 6. *per Cent.* by the end of any Number of yeares vnder 31.

A

A BREVIAT, SERVING FOR QVESTIONS of 5. per Cent.

Years.		Years.
1	105000000	26
2	110250000	27
3	115762500	28
4	121550625	29
5	127628156	30
6	134009564	31
7	140710042	32
8	147745544	33
9	155132821	34
10	162889462	35
11	171033935	36
12	179585631	37
13	188564913	38
14	197993158	39
15	207892816	40
16	218287457	41
17	229201830	42
18	240661922	43
19	252695018	44
20	265329769	45
21	278596257	46
22	292526070	47
23	307152373	48
24	322509992	49
25	338635491	50
26	355567266	26
27	373345630	27
28	392012912	28
29	411613558	29
30	432194236	30
31	453803948	31
32	476494145	32
33	500318852	33
34	525334794	34
35	551601534	35
36	579181611	36
37	608140691	37
38	638547725	38
39	670475111	39
40	703998867	40
41	739198810	41
42	776158751	42
43	814966691	43
44	855715026	44
45	898500777	45
46	943425816	46
47	990597107	47
48	1040126962	48
49	1092133310	49
50	1146739975	50

This Breuiat sheweth, what 1 li. will amount to, after 5. *per Cent.* by the end of any Number of yeares vnder 51.

The eighteenth Queſtion, being the firſt of 9. per Cent.

If 100 l. *be put forth for* 8. *yeares at intereſt, after* 9. per Cent. per Ann. *intereſt, and intereſt vpon intereſt; Vnto what ſumme will it amount at the* 8. *yeares end?*

Becauſe in this Queſtion the Intereſt is 9. *per Cent.* and the time 8. yeares, therefore looke in the Breuiat of 9. *per Cent.* for the eighth Number, which is 1 9 9 2 5 6 2 6. Multiply this by 100 l. (the Principall named in the Queſtion) and the product will be 1992562600. from this cut off 7. figures, & it wil ſtand thus: 199|2562600 The 199. on your left hand is 199 l. and the figures cut off, being reduced into ſhillings and pence, will yeelde 5 ſh. 1 d. &c.

So haue you found, that 100 l. being put forth at Intereſt after 9. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt, will amount vnto by 8. years end 199 l. 5 ſh. 1 d. &c.

The Worke.

Facit	l	199	2562600
	ſh	5	12512
	d	1	15024

The nineteenth Queſtion, being the ſecond of 9. per Cent.

If 100 l. *be due at* 7. *yeares end, What is it worth pre-*

preſently; reckoning 9. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the Intereſt is 9. *per Cent.* and the time 7. yeares; therefore looke in the Breuiat of 9. *per Cent.* for the ſeuenth Number, which is

1 8 2 8 0 3 9 1.

This Number is your Diuiſor.

To finde your Diuidend, place 7. Ciphers before 100 l. (the debt named in the Queſtion) and it will be

1 0 0 0 0 0 0 0 0 0.

This Number is your Diuidend.

Diuide your Diuidend by your Diuiſor, and work with the Remainder as you haue been ſhewed to worke with Remainders: and you ſhall finde that 100 l. due at 7. yeares end is worth 54 l. 14 ſh. &c. ready money; reckoning 9. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit 54. 14. —

18280391	. .	x0000000000
		85988456
914019		xx85288
		37x69
76		62

The twentieth Queſtion, being the third of 9. per Cent.

What is 10 l. *Annuity, to endure* 21. *years, worth*

to be receiued at the end thereof; reckoning 9. per Cent. per Ann. *intereſt and intereſt vpon intereſt?*

Becauſe in this Queſtion the Intereſt is 9. *per Cent.* and the time 21. yeares; therefore looke in the Breuiat of 9. *per Cent.* for the one and twentieth Number, which is 61088077. from this deduct 10000000. and there will remaine 51088077. before this place 2. Ciphers, and it will be 5110880770. Diuide this by 9. (becauſe the Intereſt in this Queſtion is 9. *per Cent.*) and the quotient will be 567645300. Multiply this by 10 l. (the Annuity named in the Queſtion) and the product will be 5676453000. from this cut off 7. figures, and reduce thoſe figures cut off into ſhillings and pence, and you ſhall finde, that, If 10 l. Annuity bee all forborne till the end of 21. yeares, it will amount vnto by that time 5671. 12 ſh. 10 d. &c. reckoning 9. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

5 1088077

Facit l 5671|5453
ſh 12|906
d 10|872

The one and twentieth Queſtion, being the fourth of 9. per Cent.

What is 20 l. *Annuity, to endure* 21. *yeares, worth in ready money; reckoning* 9. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Be-

Because in this Question the Interest is 9. *per Cent.* and the time 21. yeares, looke in the Breuiat of 9. *per Cent.* for the one and twentieth Number, which is 61088077. from this Subtract 10000000. and there will remaine 51088077. before this place 2. Ciphers, and it will be 5108807700. Diuide this by 9. and the quotient will be 567645300. Multiply this by 20 l. (the Annuity named in the Question) and the product will be 11352906000. This is your Diuidend, which you must Diuide by 61088077. (the said one and twentieth Number in the Breuiat) and you shall finde, that 20 l. Annuity, to endure 21. yeares, is worth in readie money 185 l. 16 sh. 10 d. &c. reckoning 9. *per Cent. per Ann.* Int. and Int. vpon Interest.

The Worke.

61088077 . . 5676453

Facit 185. 16. 10d.

~~11352906000~~
~~5244698345~~
~~357752157~~
~~21 1172~~
2 ~~67~~3
41

3054403

254

The two and twentieth Question, being the first of 8. per Cent.

If 50 l. *be put forth at interest for* 10. *yeares, after* 8. per Cent. per Annum, *interest, and interest vpon*

 interest;

intereſt; Vnto how much will it amount by the 10. *years end?*

Becauſe in this Queſtion the Intereſt is 8. *per Cent.* and the time 10. yeares; looke in the Breuiat of 8. *per Cent.* for the tenth Number, which is 21589249. Multiply this by 50 l. (the Principall named in the Queſtion) and the product will be 1079462450. from this cut off 7. figures; and Multiply and cut off as you haue beene taught, and you ſhall find, that, If 50 l. be put forth at Intereſt for 10. yeares, at 8. *per Cent. per Ann.* Intereſt; and Intereſt vpon Int. it will amount by the 10. yeares end vnto 107 l. 18 ſh. 11 d. &c.

The Worke.

		21589249	
Facit	l	107	946245
	ſh	18	9249
	d	11	0988

The three and twentieth Queſtion, being the ſecond of 8. per Cent.

If 100 l. *be due at* 4. *yeares end; What is it worth ready money, reckoning* 8. per Cent. per. Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the Intereſt is 8. *per Cent.* and the time 4. yeares; looke in the Breuiat of 8. *per Cent.* for the fourth Number, which is 13604889. This is your Diuiſor.

To finde your Diuidend place 7. Ciphers before 100 l.

100 l. (the Debt named in the Question) and it will be 1000000000. This is your Diuidend.

Diuide this Diuidend by the said Diuisor, and worke with the Remainder as you haue beene taught; and you shall finde, that 100 l. due at 4. yeares end, is worth in ready money 73 l. 10 sh. &c. reckoning 8. *per Cent. per Ann.* Interest, and Interest vpon Interest.

The Worke.

Facit 73. 10. —d. &c.

13604889	~~1~~~~0~~~~0~~~~0~~~~0~~~~0~~~~0~~~~0~~~~0~~
	~~4~~~~7~~~~6~~~~5~~~~7~~~~7~~~~7~~3
680244	~~6~~84~~3~~~~1~~6
56	6

The foure and twentieth Question, being the third of 8. per Cent.

What is 26 l. *Annuity, to endure* 5. *yeares, worth at the end thereof; reckoning* 8. per Cent. per Ann. *interest, and interest vpon interest?*

Because in this Question the Interest is 8. *per Cent.* and the time 5. yeares, looke in the Breuiat of 8. *per Cent.* for the fift Number, which is 14693280. from this Subtract 10000000. and there will remaine 4693280. before this place 2. Ciphers, and it will be 469328000. Diuide this by 8. (because the Interest in this Question is 8. *per Cent.*) and the quotient will be 58666000. which Multiply by 26 l. (the Annuity named in the Question) and the product will be 1525316000. from this

this cut off 7. figures; & Multiply thoſe 7. figures & cut off, as you haue beene taught; and you ſhall finde, that 26 l. Annuity for 5. years, if it be all forborn the whole time, is worth then at the end of thoſe 5. yeares, 152 l. 10 ſh. 7 d. &c. reckoning 8. *per Cent. per An.* intereſt, and intereſt vpon intereſt.

The Worke.

4693280
586660
117332

Facit	l	152	5316
	ſh	10	632
	d	7	584

The fiue and twentieth Queſtion, being the fourth of 8. per Cent.

What is 60 l. *Annuity, to endure* 30. *yeares, worth ready money; reckoning* 8. per Cent. per Ann. *intereſt, and int. vpon int.*

Becauſe in this Queſtion the Intereſt is 8. *per Cent.* and the time 30. years, looke in the Breuiat of 8. *per Cent.* for the thirtieth Number, which is 100626568. from this Subtract 10000000. & there will remain 90626568. before this place 2. Ciphers, & it wil be 9062656800. Diuide this by 8. & the quotient will be 1132832100. Multiply this by 60 l. (the Annuity named in the Queſtion) & the product will be 67969926000. This Number is your Diuidend, and muſt bee Diuided by 100626568.

100626568 (the said thirtieth Number in the Breuiat) and the Remainder being reduced to shillings and pence, you shall finde, that 60 l. Annuity, to endure 30. yeares, is worth 675 l. 9 sh. 4 d. &c. ready money; reckoning 8. *per Cent. per Annum*, Interest, and Interest vpon Interest.

The Worke.

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                                  90626568
                                  11328321
100626568 . . 1 . . 679699260000
                                  ---------
                          Facit 675. 9. 4d.&c.
                                  ---------
                                  593185248
                                    569224 4
5031328                             4179 6
 419                                  1
```

The sixe and twentieth Question, being the first of 7. per Cent.

If 40 l. *be put forth at Interest for* 15. *yeares, at* 7. per Cent. per Annum, *interest, and interest vpon interest; Vnto how much will it amount by the* 15. *yeares end?*

Because the Interest in this Question is 7. *per Cent.* and the time 15. yeares; therefore looke in the Breuiat of 7. *per Cent.* for the fifteenth Number, which is 27590315. Multiply this by 40 l. (the Principal named in the Quest.) & the product wilbe 1103612600. from this cut off 7. figures, & Multiply, &c. and you shall find,

that, If 40 l. be put forth at Intereſt for 15. yeares at 7. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt; it will amount vnto at the end of thoſe 15. yeares, 110 l. 7 ſh. 2 d. &c.

The Worke.

		27590315	
Facit	l	110	36126
	ſh	7	22522
	d	2	7024

The ſeuen and twentieth Queſtion, being the ſecond of 7. per Cent.

If 80 l. *be due at* 9. *yeares end, what is it worth ready money; reckoning* 7. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the Intereſt is 7. *per Cent.* and the time 9. yeares, therefore looke in the Breuiat of 7. *per Cent.* for the ninth Number, which is 18384592. This Number is your Diuiſor.

To finde your Diuidend, place 7. Ciphers before 80 l. (the Debt named in the Queſtion) and then it will be 800000000. This Number is your Diuidend. Diuide therefore this Number by your Diuiſor before found, &c. and you ſhall finde, that 80 l. due at 9. years end, is worth 43 l. 10 ſh. 3 d. &c. ready money; reckoning 7. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The

The Worke.

Facit 43. 10. 3 d.&c.

1	8	3	8	4	5	9	2	:	. 1 . .
									8 ø ø ø ø ø ø ø ø
									6 4 6 1 6 3 2 4
									9 4 6 2 5 4
									2 7 2 5
9	1	9	2	2	9				
		7	6	6					

The eight and twentieth Queſtion, being the third of 7. per Cent.

What is 5 l. *Annuity, to endure* 2 1. *yeares, worth, to be receiued at the end of them; reckoning* 7. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the Intereſt is 7. *per Cent.* and the time 2 1. yeares; therefore looke in the Breuiat of 7. *per Cent.* for the one and twentieth Number, which is 41405623. from this Subtract 10000000. & there will remaine 31405623. before this place 2. Ciphers, and it will ſtand thus: 3140562300. Diuide this by 7. and the quotient will be 448651757. Multiply this by 5 l. (the Annuity named in the Queſtion) and the product will be 2243258785. from this cut off 7. figures, &c. and you ſhall finde, that 5 l. Annuity for 2 1. years, if it be all forborn til 2 1. years end, will amount vnto by the 2 1. yeares end 224 l. 6 ſh. 6 d. &c. reckoning 7. *per Cent. per Ann.* Int. and Int. vpon Int.

The Worke.

		3 1 4 0 5 6 2 3	
		4 4 8 6 5 1 7 5 7	
Facit	l	2 2 4	3 2 5 8 7 8 5
	ſh	6	5 1 7 5 7
	d	6	2 1 0 8 4

The nine and twentieth Queſtion, being the fourth of 7. per Cent.

What is 16 l. *Annuity, to endure* 13. *yeares, worth ready money; reckoning* 7. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the Intereſt is 7. *per Cent.* and the time 13. yeares; therefore looke in the Breuiat of 7. *per Cent.* for the thirteenth Number, which is 2409850. from this Subtract 10000000. and there will remaine 1409850. before this place 2. Ciphers, and it will be 140984500. Diuide this by 7. and the quotient will be 201406428. Multiply this by 16 l. (the annuity named in the Queſtion) and the product wilbe 3222502848. This Number is your Diuidend; and 2409850. (the ſaid thirteenth Number in the Breuiat) is your Diuiſor. Diuide therefore your Diuidend by your Diuiſor, and worke with the Remainder as you haue beene taught; and you ſhall finde, that 16 l. Annuity to endure 13. yeares, is worth 133 l. 14 ſh. 5 d. &c. ready money; reckoning 7. *per Cent. per Annum*, intereſt, and int. vpon int.

The

The Worke.

24098450

14098450
201406428

Facit 133. 14. 5 d. &c.

3 2 2 2 5 0 2 8 4 8
8 x 9 6 5 7 3 9
8 7 7 5 4 9 7
x 5 4 4 8 7 9
3 9
5

1204922

1004

The thirtieth Queſtion, being the firſt of 6. per Cent.

If 50 l. *be put forth at intereſt for* 13. *yeares, after* 6. per Cent. per Ann. *intereſt, and intereſt vpon int. Vnto how much will it amount at the* 13. *yeares end?*

Becauſe in this Queſtion the Intereſt is *6. per Cent.* and the time 13. yeares; therefore looke in the Breuiat of 6. *per Cent.* for the thirteenth Number, which is 21329282. Multiply this by 50 l. (the Principall named in the Queſt.) & the product wilbe 1066464100. from this cut off 7. figures, &c. and you ſhall finde, that, if 50 l. be put forth at Intereſt for 13. yeares, at *6 per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt; it wil by the 13. years end amount vnto 106 l. 12 ſh. 11 d. &c.

The Worke.

		21	329282
Facit	l	106	6464100
	sh	12	9282
	d	11	1384

The one and thirtieth Question, being the second of 6. per Cent.

If 200 l. *be due at* 4. *yeares end, what is it worth ready money; reckoning* 6. per Cent. per Ann. *interest, and interest vpon interest?*

Because in this Question the Interest is 6. *per Cent.* and the time 4. yeares; therfore looke in the Breuiat of 6. *per Cent.* for the fourth Number, which is 12624769. This Number is your Diuisor.

To finde your Diuidend, place 7. Ciphers before 200 l. (the Debt named in the Question) and it will stand thus: 2000000000. This Number is your Diuidend.

Diuide this Diuidend by your Diuisor, &c. and you shall finde, that, if 200 l. bee due at 4. yeares end, it is worth 158 l. 8 sh. 4 d. &c. ready money; reckoning 6. *per Cent. per Ann.* Int. and Int. vpon Int.

The Worke.

12624769 . . 2000000000

Facit 158. 8. 4d. &c.

7375231 58
1 6284694
5 364
5

631238
526

The

The two and thirtieth Queſtion, being the third of 6. per Cent.

What is 20 l. *Annuity, for* 15. *yeares, worth at the end of them; reckoning* 6. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the Intereſt is 6. *per Cent.* and the time 15. yeares, therefore looke in the Breuiat of 6. *per Cent.* for the fifteenth Number, which is 23965581. from this Subtract 10000000. and there will remaine 13965581. before this Number place 2. Ciphers, and it will be 1396558100. Diuide this by 6. and the quotient will be 232759683. Multiply this by 20 l. (the Annuity named in the Queſtion) and the product will be 4655193660. from this cut off 7. figures, &c. And you ſhall find that 20 l. Annuity for 15. years, if it be all forborne till the end of thoſe 15. yeares, will amount vnto by that time 465 l. 10 ſh. 4 d. &c. reckoning 6. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

		13965581	
		232759683	
Facit	l	465	5193660
	ſh	10	38732
	d	4	64784

The three and thirtieth Queſtion, being the fourth of 6. per Cent.

What is 16 l. *Annuity, for* 7. *yeares, worth ready mo-*

ney;

ney ; reckoning 6. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the Int. is 6. *per Cent.* and the time 7. yeares; therefore looke in the Breuiat of 6. *per Cent.* for the ſeuenth Number, which is 1503630 2. from this Subtract 10000000. and there will remaine 5036302. before this place 2. Ciphers, and it will be 503630200. Diuide this by 6: and the quotient will be 83938366. Multiply this by 16 l. (the Annuity named in the Queſt.) & the product wil be 1343013856. Diuide this by 1503630 2. (the ſaid ſeuenth Number in the Breuiat, &c.) and you ſhall find, that 16 l. Annuitie for 7. years, is worth 89 l. 6 ſh. 4 d. &c. ready money; reckoning 6. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The Worke.

15036302	. . .	83938366
		x3430x3856
	Facit	89. 6. 4 d. &c.
		x 4x8998
751815		7729 7
62		2 8

The foure and thirtieth Queſtion, being the firſt of 5. per Cent.

If 45 l. *be put forth at intereſt for* 13. *yeares, at* 5. per Cent. per Ann. *intereſt, and intereſt vpon intereſt; Vnto how much will it amount by the* 13. *years end?*

Be-

Becauſe in this Queſtion the Intereſt is 5. *per Cent.* and the time 13. yeares, therefore looke in the Breuiat of 5. *per Cent.* for the thirteenth Number, wch is 18856491. Multiply this by 45 l. (the Principall named in the Queſtion) and the product will be 848542095. from which cut off 7. figures, &c.

And you ſhall finde, that if 45 l. be put forth at Intereſt for 13. years, at 5. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt; it will amount vnto by the 13. yeares end, 84 l. 17 ſh. 1 d. &c.

The Worke.

18856491
94282455

Facit l 84|8542095
ſh 17|08419
d 1|01028

The fiue and thirtieth Queſtion, being the ſecond of 5. per Cent.

If 100 l. *be due at* 21. *yeares end, what is it worth in ready money; reckoning* 5. per Cent. per Annum, *intereſt, and intereſt vpon intereſt?*

Becauſe the Intereſt is 5. *per Cent.* and the time 21. yeares, therefore looke in the Breuiat of 5. *per Cent.* for the one and twentieth Number, which is 27859625. This Number is your Diuiſor.

To finde your Diuidend, place 7. Ciphers before 100 l. (the debt named in the Queſtion) and it will be

1000000000. This Number is your Diuidend. Diuide this Diuidend by your Diuisor, &c. and you shall finde, that, if 100 l. be due at 21. yeares end, it is worth ready money 35 l. 17 sh. 10 d. &c. reckoning 5. *per Cent. per Annum*, Interest, and Int. vpon Int.

The Worke.

	Facit 35. 17. 10 d. &c.
27859625	~~1~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~ ~~0~~
	~~1~~ ~~6~~ ~~4~~ ~~2~~ ~~1~~ ~~1~~ ~~2~~ ~~5~~ ~~5~~
1392981	~~2~~ 1 ~~9~~ 8 ~~3~~ ~~1~~ ~~2~~ 8
116	~~1~~ 2 3 2 ~~3~~ ~~1~~
	44

The sixe and thirtieth Question, being the third of 5. per Cent.

What is 50 l. *Annuity, to endure* 19. *yeares, worth to be all receiued at the end of them; reckoning* 5. per Cent. per Ann. *interest, and int. vpon int.*

Because in this Question the Interest is 5. *per Cent.* and the time 19. yeares; therefore looke in the Breuiat of 5. *per Cent.* for the ninteenth Number, which is 25269501. from this Subtract 10000000. and there will remaine 15269501. before this place 2. Ciphers, and it will be 1526950100. Diuide this Number by 5. and the quotient will bee 305390020. Multiply this Number by 50 l. (the Annuity named in the Question) and the product will be 15269501000. from this cut off 7. figures, &c.

And

And you ſhall finde, that if 50 l. Annuity for 19. years be all forborn till the 19. yeares end, it will then amount vnto 1526 l. 19 ſh. &c. reckoning 5. *per Cent. per Ann.* Int. and Int. vpon Int.

The Worke.

Facit l 1526 | 9501
ſh 19 | 002
d — |

The ſeuen and thirtieth Queſtion, being the fourth of 5. per Cent.

What is 10 l. *Annuity, to endure* 40. *yeares, worth ready money; reckoning* 5. per Cent. per Ann. *intereſt and intereſt vpon intereſt?*

Becauſe the Intereſt is 5. *per Cent.* and the time 40. yeares, therefore looke in the Breuiat of 5. *per Cent.* for the fortieth Number, which is 70399887. from this Subtract 100000000. and there will remaine 60399887. before this Number place 2. Ciphers, and it will be 6039988700. Diuide this Number by 5. and the quotient wilbe 1207997740. Multiply this Number by 10 l. (the Annuity named in the Queſtion) and the product will be 12079977400. Diuide this Number by 70399887. (the ſaid fortieth Number in the Breuiat,) &c.

And you ſhall find that 10 l. Annuity, to endure 40. years, is worth 171 l. 11 ſh. 9 d. &c. ready money; reckoning 5. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

	60399887
Facit	171. 11. 9d. &c.
70399887	~~1~~2~~0~~7~~9~~9~~7~~7~~4~~0~~0~~
	~~5~~1~~3~~1~~5~~8~~8~~7~~1~~3~~
	~~1~~6~~3~~9~~6~~6~~2~~9
3519994	~~4~~287 78
293	

Thus haue you some Questions of 9. *per Cent.* 8. *per Cent.* 7. *per Cent.* 6. *per Cent.* and 5. *per Cent.* whereof you see the wayes to worke them differs little from the like Questions of 10. *per Cent.* Which difference being noted, all the other Questions of 10. *per Cent.* may by helpe of these Breuiats, be wrought with allowance of 9. *per Cent.* 8. *per Cent.* 7. *per Cent.* 6. *per Cent.* and 5. *per Cent.* And not onely those Questions, but also many other Questions, may by these Breuiats be resolued.

Now

NOVV FOLLOVV A FEVV *Queſtions of 6 ¼. per Cent.*

Wherefore, of *6 ¼. per Cent.* wee will ſet downe fiue Breuiats, and then the Queſtions.

1 The firſt Breuiat ſheweth what 1 l. ready money, will be worth, at the end of any Number of yeares not aboue 30.

2 The ſecond Breuiat ſheweth what 1 l. due at the end of any Number of yeares not aboue 30. is worth in ready money.

3 The third Breuiat ſheweth what 1 l. Annuity to endure for any Number of yeares not aboue 30. is worth, to be paid-for when the Annuity ceaſeth.

4 The fourth Breuiat ſheweth what 1 l. Annuity to endure for any Number of yeares not aboue 30. is worth ready money.

5 The fift Breuiat ſheweth what Annuity, to endure for any Number of yeares not aboue 30. ought to be bought for 1 Lready money.

In all theſe fiue Breuiats reckoning *6 ¼. per Cent. per Annum*, Int. and Int. vpon Int.

In which Breuiats (as in the former) account all the Numbers for Numerators; and each of them to haue for Denominator 10000000.

THE FIRST BREVIAT OF
6¼. PER CENT;

Shewing what 1 li. put out at Intereſt, for any Number of years, vnder 31. will come to at the end of them.

Years.			Years.
1	10625000	26379284	16
2	11289062	28027990	17
3	11994628	29779739	18
4	12744293	31640973	19
5	13540811	33618534	20
6	14387112	35719692	21
7	15286306	37952173	22
8	16241700	40324184	23
9	17256807	42844445	24
10	18333357	45522223	25
11	19481317	48367362	26
12	20698899	51390322	27
13	21992581	54602217	28
14	23367117	58014856	29
15	24827562	61640785	30

THE SECOND BREVIAT OF
$6\frac{1}{4}$. PER CENT;

Shewing what 1 li. due at the end of any number of years vnder 31. is worth in ready money.

Years.			Years.
1	9411764	3790853	16
2	8858131	3567861	17
3	8337065	3357987	18
4	7846649	3160459	19
5	7385082	2974549	20
6	6950665	2799576	21
7	6541802	2634895	22
8	6156990	2479901	23
9	5794814	2334024	24
10	5453943	2196729	25
11	5133123	2067509	26
12	4831174	1945891	27
13	4546987	1831427	28
14	4279518	1723696	29
15	4027781	1622302	30

This ſecond Breuiat is called, by ſome,
A Table for Diſcounting.

THE THIRD BREVIAT OF
6¼. PER CENT;

Shewing, what 1li. Annuity is worth at the end thereof; the Annuity not enduring aboue 30. yeares.

Years.			Years.
1	10000000	26206859	16
2	20625000	28844784	17
3	31914062	31647584	18
4	43908691	34625574	19
5	56652984	37789654	20
6	70193796	41151508	21
7	84580908	44723474	22
8	99867215	48518694	23
9	116108916	52551113	24
10	133365723	56835557	25
11	151701081	61387780	26
12	171182398	66224516	27
13	191881298	71363548	28
14	213873879	76823770	29
15	237240997	82625261	30

THE FOVRTH BREVIAT OF
6 1/4. PER CENT;

Shewing what 1 li. Annuity is worth ready money, the Annuity not enduring aboue 30. years.

Years.			Years.
1	94117 64	99346 346	16
2	1 8269896	1 0291 4208	17
3	2 6606961	1 0627 2196	18
4	3 4453610	1 0943 2655	19
5	4 1838692	1 1240 7205	20
6	4 8789357	1 1520 6781	21
7	5 5331159	1 1784 1676	22
8	6 1488150	1 2032 1578	23
9	6 7282965	1 2265 5602	24
10	7 2736908	1 2485 2332	25
11	7 7870031	1 2691 9841	26
12	8 2701206	1 2886 5733	27
13	8 7248193	1 3069 7161	28
14	9 1527711	1 3242 0857	29
15	9 5555493	1 3404 3159	30

THE FIFT BREVIAT OF
$6\frac{1}{4}$. PER CENT;

Shewing what Annuity for any Number of yeares vnder 31. ought to be bought for 1 li. ready money.

Yeares.			Yeares.
1	10625000	1006579	16
2	5473484	971683	17
3	3758414	940979	18
4	2902453	913804	19
5	2390132	889622	20
6	2049627	868004	21
7	1807299	848596	22
8	1626329	831106	23
9	1486260	815290	24
10	1374817	800946	25
11	1284191	787898	26
12	1209172	776001	27
13	1146155	765127	28
14	1092565	755168	29
15	1046512	746028	30

The eight and thirtieth Queſtion, being the firſt of $6\frac{1}{4}$. *per Cent.*

If 100 l. *be put forth at intereſt for* 20. *years, at* $6\frac{1}{4}$. per Cent; *Vnto what ſumme will it amount by the* 20. *yeares end?*

Becauſe the demaund in this Queſtion is what a Principal put out at Intereſt, at $6\frac{1}{4}$. *per Cent.* will amount vnto by the end of the time for which it is put forth; therefore turne to the firſt of theſe laſt fiue Breuiats.

And becauſe the time in this Queſtion is 20. yeares, therefore looke in the ſame Breuiate for the twentieth Number, which is

3 3 6 1 8 5 3 4.

Multiply this by 100 l. (the Principall named in the Queſtion) and the product will be 3 3 6 1 8 5 3 4 0 0. from this cut off 7. figures, &c.

And you ſhall finde, that 100 l. will amount vnto 336 l. 3 ſh. 8 d. &c. by the end of 20. yeares, being put forth at Intereſt after $6\frac{1}{4}$. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit	l	336	18534
	ſh	3	70688
	d	8	48160

The nine and thirtieth Queſtion, being the ſecond of $6\frac{1}{4}$ *per Cent.*

If 20 l. *be due at* 3. *yeares end; What is it worth rea-*

die money; reckoning 6 $\frac{1}{4}$. per Cent. per Annum, *intereſt, and intereſt vpon intereſt?*

Becauſe the demand in this Queſtion is, What a debt due at time, is worth ready money, reckoning 6 $\frac{1}{4}$. *per Cent.* therefore turne to the ſecond of theſe fiue laſt Breuiats.

And becauſe the time in this Queſtion is 3. yeares, therefore looke in the ſame Breuiat for the third Number, which is

8337065

Multiply this by 20 l. (the debt named in the Queſtion) and the product will be 166741300. from this cut off 7. figures, &c.

And you ſhall find, that if 20 l. be due at 3. years end, it is worth 16 l. 13 ſh. 5 d. &c. ready money; reckoning 6 $\frac{1}{4}$. *per Cent. per Ann.* Intereſt, and Int. vpon Int.

The Worke.

				8	3	3	7	0 6 5
Facit	l	1	6	6	7	4	1	3
	ſh	1	3	4	8	2	6	
	d		5	7	9	1	2	

The fortieth Queſtion, being the third of 6 $\frac{1}{4}$. *per Cent.*

If 500 l. *be to be paid at* 10. *payments*, viz. *at the end of each yeare* 50 l. *and the parties doe agree to reſpite theſe payments till the laſt payment grow due, allowing* 6 $\frac{1}{4}$. per Cent. per Ann. *for Intereſt, and intereſt vpon intereſt; Vnto how much wil they amount by that time?*

Becauſe

Becauſe the demaund in this Queſtion is, What an Annuity is worth, to be paide all together at the end thereof, reckoning 6 $\frac{1}{4}$. *per Cent.* therefore turne to the third of theſe fiue laſt Breuiats.

And becauſe the time in this Queſtion is 10. yeares, therefore looke in the ſame Breuiat for the tenth Number, which is

1 3 3 3 6 5 7 2 3

Multiply this by 50 l. (the Annuall payment named in the Queſtion) and the product will be 666828615 0. from this cut off 7 figures, &c.

And you ſhall finde, that if 50 l. *per Annum*, for 10. yeares, bee all forborne till the 10. yeares end, that then it will amount vnto 666 l. 16 ſh. 6 d. &c. reckoning 6 $\frac{1}{4}$. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

		1 3 3 3 6 5 7 2 3	
Facit	l	6 6 6	8 2 8 6 1 5
	ſh	1 6	5 7 2 3
	d	6	8 6 7

The one and fortieth Queſtion, being the fourth of 6 $\frac{1}{4}$. *per Cent.*

What is 100 l. *Annuity, to endure* 21. *yeares, worth ready money; reckoning* 6 $\frac{1}{4}$. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the demand is, What an Annuity is worth ready mony, reckoning 6 $\frac{1}{4}$. *per Cent.* ther-

fore turne to the fourth of theſe fiue laſt Breuiats.

And becauſe the time in this Queſtion is 21. yeares, therefore looke in the ſame Breuiate, for the one and twentieth Number, which is

115206781

Multiply this by 100 l. (the Annuity named in the Queſtion) and the product will be 11520678100. from this cut off 7. figures, &c.

And you ſhall finde, that 100 l. *per Annum*, for 21. yeares, is worth 1152 l. 1 ſh. 4 d. &c. ready money, reckoning $6\frac{1}{4}$. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit	l	1152	06781
	ſh	1	3562
	d	4	274

The two and fortieth Queſtion, being the fift of $6\frac{1}{4}$. *per Cent.*

What Annuity to endure 30. *yeares, is worth* 100 l. *ready money; reckoning* $6\frac{1}{4}$. per Cent. per Annum, *Intereſt, and intereſt vpon intereſt?*

Becauſe in this Queſtion the demaund is, What Annuity ought to be bought, to endure a certaine Number of yeares for a ſumme named, reckoning $6\frac{1}{4}$. *per Cent.* therefore turne to the laſt of theſe fiue Breuiats.

And becauſe the time in this Queſtion is 30. yeares, therfore look in the ſame Breuiat for the thirtieth Number, which is 746028.

Mul-

Multiply this by 100 l. (the price of the Annuity to be bought, named in the Queſtion) and the product wil be 74602800. from this cut off 7. figures, &c.

And you ſhall finde, that 7 l. 9 ſh. 2 d. &c. Annuity to endure 30. yeares, is worth 100 l. ready money, reckoning $6\frac{1}{4}$. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit	l	7	46028
	ſh	9	2056
	d	2	467

HItherto wee haue ſuppoſed all the payments & concluſions of each Queſtion to be Annuall.

But for as much as many times there are halfe yearely and quarterly payments; therfore we will ſet downe 6. more Breuiats:

Whereof,

The firſt two ſerue for Queſtions of halfe yearely payments, reckoning 10. *per Cent. per Annum.*

The next two ſerue for Queſtions of quarterly payments, reckoning 10. *per Cent. per Annum.*

The other two ſerue for Queſtions of quarterly payments, reckoning $6\frac{1}{4}$. *per Cent. per Annum.*

In all which 6. Breuiats (as in the former) account all the Numbers for Numerators, each of them hauing for Denominator

10000000.

The

The firſt Breuiat of halfe yearely payments, reckoning 10. *per Cent. per Ann.*

Shewing what 1 l. will amount vnto by the end of any of the Numbers of halfe yeares, ſtanding by the Breuiat.

Halfe Yeares.			Halfe Yeares.
1	10488088	29923740	23
3	11536897	32916114	25
5	12690587	36207725	27
7	13959645	39828498	29
9	15355610	43811348	31
11	16891171	48192483	33
13	18580288	53011731	35
15	20438317	58312904	37
17	22482149	64144195	39
19	24730364	70558614	41
21	27203400		

These Numbers of Halfe Years, that make iuſtly years; as two halfe yeares, foure halfe years, ſixe halfe years, &c. (being 1. yeare, 2. yeares, 3. years, &c.) are in this Breuiat omitted; becauſe the Numbers that ſerue for them are before ſet downe in the Annuall Breuiat of 10. *per Cent.* in page 14.

The ſecond Breuiat of halfe yearely payments, reckoning 10. *per Cent. per Ann.*

Shewing what 1 l. *per* halfe yeare, will amount to, being all forborne till the end of any of the Numbers of halfe yeares, ſtanding by the Breuiat.

Halfe Yeares.		Halfe Yeares.	
1	10000000	22	379668190
2	20488088	23	408199358
3	31488088	24	438123098
4	43024985	25	469507382
5	55124985	26	502423496
6	67815572	27	536946209
7	81125572	28	573153935
8	95085218	29	611128918
9	109726218	30	650957417
10	125081829	31	692729898
11	141186929	32	736541247
12	158078100	33	782490977
13	175793710	34	830683460
14	194373999	35	881228163
15	213861170	36	934239895
16	234299487	37	989839068
17	255735375	38	1048151973
18	278217524	39	1109311063
19	301797001	40	1173455259
20	326527365	41	1240730258
21	352464790	42	1311288873

The three and fortieth Queſtion, being the firſt of halfe yearely payments.

What wil 100 l.*come to, if it be put forth at intereſt, after* 10.per Cent.per Ann.*for* 6.*moneths?*

Becauſe in this Queſtion the time is 6.moneths,which is 1.halfe yeare; therefore turne to the firſt Breuiat of halfe yearly payments,and there looke for the Number that ſtands by 1.halfe yeare,which is

1 0 4 8 8 0 8 8.

Multiply this by 100 l. (the Principall named in the Queſtion) and the product will be

1 0 4 8 8 0 8 8 0 0.

From this cut off 7.figures,& multiply, &c. as you haue beene ſhewed; and you ſhall finde,that 100 l.will come to,by the end of 6.moneths,

104 l. 17 ſh. 7 d.&c.

The Worke.

Facit	l	104	8 8 0 8 8
	ſh	17	6 1 7 6
	d	7	4 1 1 2

The foure and fortieth Queſtion, being the ſecond of halfe yearly payments.

What will 200 l.*amount to by the end of* 5.*years and a halfe, if it be put forth at intereſt after* 10.per Cent. per Annum,*int.and int.vpon intereſt?*

This Queſtion is like the next before: ſaue that in this

Queſtion

Queſtion the time is 11. halfe years, whereas the time in the laſt Queſtion was but one halfe yeare; therefore looke in the ſaid firſt Breuiat, for the Number ſtanding by 11. halfe years, which is

16891171

Multiply this by 200 l. (the Principall named in the Queſtion) and the product will be

337823420 0.

From this cut off 7. figures, and Multiply, &c. as you haue in diuers Queſtions beene ſhewed; and you ſhall finde, that if 200 l. be put forth at Intereſt after 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt, for 5. yeares and an halfe, it will amount by the end of the ſame time, vnto 337 l. 16 ſh. 5 d. &c.

The Worke.

		1	6	8	9	1	1	7 1
Facit	l	1	3	3 7	8	2	3	4 2
	ſh		1	6	4	6	8	4
	d			5	6	2	0	8

The fiue and fortieth Queſtion, being the third of halfe yearely payments.

A. oweth to B. 100 l. *to be paid, Septemb. the thirtith,* 1615. *and he is contented to cleare this debt vpon the thirtieth of March* 1613. *ſo hee may be abated according to the intereſt of* 10. per Cent. per Ann. *intereſt, and int. vpon int. The Queſtion therfore is, How much money* A. *ought then to pay to* B.?

Firſt, you ſee, the drift in this Queſtion, is to finde

what a debt due at time, is worth, to be paid before it be due; therefore turne to the firſt Breuiat of halfe yearly payments. And becauſe the day of payment (being the thirtieth of March, 1613.) is 2. years and a halfe (which is 5. halfe yeares) before the day when the debt is due (being the thirtieth of September 1615.) therfore look in the ſame firſt Breuiat of halfe yearly payments, for the Number ſtanding by 5. halfe yeares, which is

1269058 7.

This is your Diuiſor.

Then place 7. Ciphers before 100 l. (the debt named in the Queſtion) and it will be

1000000000.

This Number is your Diuidend.

Diuide this Diuidend by your Diuiſor, &c. and you ſhall finde that *A.* ought to pay to *B.* 78 l. 15 ſh. 11 d. &c. to cleare his debt of 100 l. two yeares and a halfe before it be due; reckoning 10. *per Cent. per Ann.* intereſt, and intereſt vpon intereſt.

The Worke.

Facit 78. 15. 11 d. &c.

1269058 7	1000000000
	1116589 14
634529	3134229
	78897
528	6162

The ſixe and fortieth Queſtion, being the fourth of halfe yearely payments.

A. aweth to B. 1000 l. *to be paide in* 5. *yeares*, viz. 1001.

100 l. *at the end of each halfe yeare: the Queſtion is, if all theſe payments be forborne till the laſt payment grow due; what ought then to be paid for all the* 10. *payments, with the int. of the* 9. *firſt payments, after the rate of* 10. per Cent. per Ann. *int. and intereſt vpon intereſt?*

Becauſe the drift in this Queſtion is to finde, what certaine halfe yearly payments will come to, being all forborne till the end of them; therfore turne to the ſecond Breuiat of halfe yearly payments. And becauſe the time is 5. yeares, which is 10. halfe yeares; therefore looke in the ſame Breuiat for the Number ſtanding by 10. halfe yeares, which is

1 2 5 0 8 1 8 2 9.

Multiply this by 100 l. (the halfe yearely payment named in the Queſtion) and the product will be

1 2 5 0 8 1 8 2 9 0 0.

From this cut off 7 figures, &c. and you ſhall finde, that 100 l. *per* halfe yeare for 5. yeares, being all forborne till that time be expired, will amount to 1250. 16. 4 d. &c. reckoning 10. *per Cent. per Ann.* Int. and Int. vpon Int.

The Worke.

	l	1250	81829.
Facit	ſh	16	3658
	d	4	3896

The ſeuen and fortieth Queſtion, being the fift of halfe yearly payments.

One oweth 84 l. *to bee paide in* 14. *yeares*, viz. 3 l.

per *halfe yeare: he agreeth with his Creditor to satisfie this debt with ready money, reckoning* 10. per Cent. per Annum, *interest, and int. vpon int. They therefore demaund, How much that ready money ought to be?*

Because the demaund in this Question, is, What certaine halfe yearely payments are worth ready money; therefore turne to the second Breuiat of halfe yearely payments. And because the time is 14. yeares (which is 28. halfe yeares) therefore looke in the same Breuiat for the Number standing by 28. halfe years, which is

573153935.

Multiply this by 3 l. the halfe yearly payment named in the Question, and the product will be

1719461805.

This Number is your Diuidend.

Now because the time in the Question is 14. yeares, therefore turne to the first Breuiat of 10. *per Cent.* in page 14. and there looke for the fourteenth Number, which is 37974983.

This Number is your Diuisor.

Diuide therefore your Diuidend aboue-found, by your Diuisor now found, &c. and you shall find that the ready money which ought to be paid for 3 l. *per* halfe yeare, to endure 14. yeares, is 45 l. 5 sh. 6 d. &c.

The Worke.

	573153935
Facit	45. 5. 6 d. &c.
37974983	~~1719461805~~
1898749	~~21158248~~
158	~~9757~~
	383

The

The first Breuiat of quarterly payments, reckoning 10 *per Cent. per Ann.*

Shewing what 1 li. will amount to by the end of any of the Numbers of quarters of years, standing by the Breuiat.

Quarters of Yeares.			Quarters of Yeares.
1	10241136	16493453	21
3	10740994	17298479	23
5	11265250	18142798	25
7	11815094	19028327	27
9	12391775	19957078	29
11	12996603	20931160	31
13	13630953	21952786	33
15	14296264	23024276	35
17	14994048	24148065	37
19	15725890	25326704	39

The Numbers of quarters of yeares, in this Breuiat omitted, are such Numbers as either make iustly years, or iustly halfe years; as 4. quarters, 8. quarters, 12. quarters, &c. make iustly 1. yeare, 2. years, 3. years, &c.

The Numbers which serue for them are not in this Breuiat; because they are already set down in the Annuall Breuiat of 10. *per Cent.* in page 14.

And the Numbers which serue for such Numbers of quarters of years as make iustly halfe years, as 2. quarters, 6. quarters, 10. quarters, &c. being 1. half year, 3. half years, 5. half years, &c. they are not in this Breuiat; because they are before set downe, in the Breuiat of halfe yearly payments of 10. *per Cent.* in page 88.

The ſecond Breuiat of quarterly payments, reckoning 10. *per Cent. per Ann.*

Shewing what 1 l. *per* quarter, will amount to, being all forborne till the end of any of the Numbers of quarters, ſtanding by the Breuiat.

Quarters of Yeares.			*Quarters of Yeares.*
1	10000000	26928493	21
2	20241136	28577839	22
3	30729225	30266956	23
4	41470220	31996804	24
5	52470220	33768365	25
6	63735471	35582645	26
7	75272368	37440674	27
8	87087463	39343507	28
9	99187463	41292224	29
10	111579238	43287932	30
11	124269825	45331764	31
12	137266429	47424880	32
13	150576429	49568468	33
14	164207383	51763747	34
15	178167028	54011962	35
16	192463293	56314390	36
17	207104293	58672337	37
18	222098341	61087144	38
19	237453952	63560180	39
20	253179843	66092851	40

The

The eight and fortieth Queſtion, being the firſt of quarterly payments.

If Cipers bee worth 25 d. *the yard, ready money; what is it worth to be paid at* 9. *moneths end, reckoning* 10. per Cent. per Ann. *intereſt, and int. vpon intereſt?*

Becauſe the time is 9. moneths, which is 3. quarters of a yeare, look in the firſt Breuiat of quarterly payments, for the Number which ſtandeth by 3. quarters, wch is

10740994.

Multiply this by 25 d. (the price of the yard of Cipers named in the Queſtion) and the product will be

268524850.

From this cut off 7. figures, and Multiply the figures cut off by 4. and then cut off againe 7. figures, and Multiply the figures laſt cut off by 8. and cut off againe 7. figures; and you ſhall finde, that if a yard of Cipers be worth 25 d. to be receiued preſently in ready money, the ſame yard is worth 26 d. 3. farthings, a quarter of a farthing, and halfe a quarter of a farthing, &c. to be receiued 9. moneths (which is 3. quarters of a yeare) after the deliuerie of the Cipers.

The Worke.

		10740994	
		53704970	
Facit	pence	26	852485
	farthings	3	40994
	half quarter of a farthing	3	27952

The nine and fortieth Queſtion, being the ſecond of quarterly payments.

A. *oweth to* B. 500 l. *to be paid at* 3. *years* 3. *quarters end; the Queſtion is, How much ready mony will cleare this debt, reckoning* 10. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

Firſt, find how many quarters of years are in 3. years 3. quarters, by multiplying 3. yeares by 4. quarters, and adding 3. quarters; ſo ſhall you finde 15. quarters of years: therefore looke in the firſt Breuiat of quarterly payments, for the Number which ſtandeth by 15. quarters of yeares, which is

1 4 2 9 6 2 6 4.

This Number is your Diuiſor.

Then place 7. Ciphers before 500 l. (the debt named in the Queſtion) and it will be

5 0 0 0 0 0 0 0 0.

This Number is your Diuidend.

Diuide this Diuidend by your Diuiſor, &c. and you ſhall finde, that the ready money which will cleare the debt of 500 l. 3. yeares, 3. quarters before the day, is 349 l. 14 ſh. 10 d. &c. reckoning 10. *per Cent. per Ann.* Int. and Int. vpon Int.

The Worke.

Facit 349. 14. 10 d. &c.

14296264

714813

595

5 0 0 0 0 0 0 0 0

7 x x x 2 3 8 4 4

x 3 9 2 7 5 2 6 2

x 3 6 5 6 3 3

49 78

5 4

The

The fiftieth Queſtion, being the third of quarterly payments.

A Merchant ſolde certain Pepper for 1200 l. *to be paid in* 3. *yeares,* viz. 100 l. per *quarter: If all theſe payments be reſpited till the laſt payment grow due; What ought then to be paid, reckoning* 10. per Cent. per Ann. *int. and int. vpon int.?*

Becauſe the time in this Queſtion is 3. yeares (which is 12. quarters) therfore look in the ſecond Breuiat of quarterly payments, for the Number, which ſtands by 12. quarters; which Number is

1 3 7 2 6 6 4 2 9.

Multiply this by 100 l. (the quarterly payment named in the Queſtion) and the product will be

1 3 7 2 6 6 4 2 9 0 0.

From this cut off 7. figures, &c. and you ſhall finde, if 100 l. *per* quarter for 12 quarters of yeares, which is 3. yeares, be all forborne till the 3. yeares end, that then there ought to be paid 1372 l. 13 ſh. 3 d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit	l	1372	66429
	ſh	13	2858
	d	3	4296

The one and fiftieth Queſtion, being the fourth of quarterly payments.

A Gentleman hath a Tenant that payeth him 400 l. *a yeare*, viz. 100 l. per *quarter*: *this Gentleman hauing occaſion to vſe mony, agreeth with his Tenant to receiue ſo much money of him preſently, as will diſcharge* 4. *yeares Rent aforehand, reckoning* 10. per Cent. per Ann. *int. and int. vpon int. The Queſtion is, How much that money ought to be?*

Here the demand in effect is, What 100 l. *per* quarter for 4. yeares (which is 16. quarters) is worth ready money: therefore looke in the ſecond Breuiat of quarterly payments, for the Number which ſtands by 16. quarters, which is

1 9 2 4 6 3 2 9 3.

Multiply this Number by 1 0 0 l. (the quarterly payment named in the Queſtion) and the product will be

1 9 2 4 6 3 2 9 3 0 0.

This Number is your Diuidend.

Now becauſe the time in this Queſtion is 4. yeares, therefore looke in the Annuall Breuiat of 10. *per Cent. per Annum*, in page 14. for the fourth Number, which is

1 4 6 4 1 0 0 0.

This Number is your Diuiſor.

Diuide your Diuidend aboue-found, by your Diuiſor now found, &c. and you ſhall finde, that to diſcharge afore-

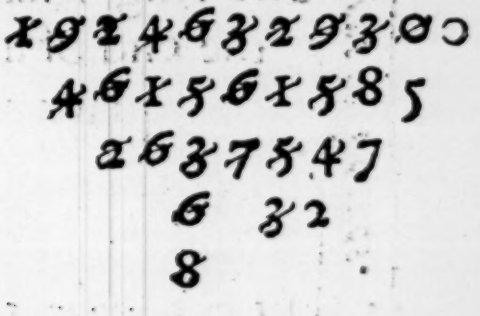
aforehand hand 100 l. *per* quarter for 16. quarters (which is 4. yeares) the Tenant muſt pay in readie money 13141. 11 ſh. —d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit 13141. 11 ſh. —d. &c.

14641000

732050
61



The first Breuiat of quarterly payments, reckoning 6 1/4 *per Cent per Ann.*

Shewing what 1 li. will amount to by the end of any of the Numbers of quarters of years, ſtanding by the Breuiat.

Quarters of Years.			Quarters of Years.
1	10152715	13747601	21
2	10307764	13957549	22
3	10465180	14170703	23
5	10787260	14606826	25
6	10951999	14829895	26
7	11119253	15056371	27
9	11461464	15519753	29
10	11636499	15756764	30
11	11814207	15997395	31
13	12177805	16489737	33
14	12363780	16741562	34
15	12552595	16997232	35
17	12938918	17520346	37
18	13136516	17787909	38
19	13337132	18059559	39

The Numbers of quarters that make iuſtly yeares, are therefore in this Breuiat omitted, becauſe the Numbers which ſerue for them are before ſet downe in the Annuall Breuiat of 6 1/4. *per Cent.* in pag 78.

The

The second Breuiat of quarterly payments, reckoning 6 1/4. *per Cent. per Ann.*

Quarters of Years.	Shewing what 1 l. *per* quarter, will amount to, being all forborne till the end of any of the Numbers of quarters, standing by the Breuiat.	Quarters of Years.
1	10000000	21
2	20152715	22
3	30460480	23
4	40925660	24
5	51550660	25
6	62337920	26
7	73289920	27
8	84409173	28
9	95698236	29
10	107159700	30
11	118796200	31
12	130610407	32
13	142605036	33
14	154782842	34
15	167146622	35
16	179699218	36
17	192443511	37
18	205382430	38
19	218518946	39
20	231856079	40
21	245396890	
22	259144492	
23	273102041	
24	287272744	
25	301659856	
26	316266683	
27	331096578	
28	346152951	
29	361439257	
30	376959010	
31	392715775	
32	408713170	
33	424954871	
34	441444609	
35	458186171	
36	475183403	
37	492440211	
38	509960557	
39	527748467	
40	545808026	

The

The two and fiftieth Queſtion, being the fift of quarterly payments.

March 22. Anno 1612. A. *and* B. *reckon; and they finde that* A. *oweth to* B. 400 l. *Now they agree that* A. *ſhall enter into Bond to pay this debt vpon December* 22th. 1614. *and to allow for the forbeareance, after the rate of* 6 ¼. per Cent. per Ann. *int. and int. vpon int. They therefore demand, Vnto what ſumme the ſaid* 400 l. *will amount, at the intereſt aforeſaid, by the day of payment, that it may be put in the Bond accordingly.*

If you conſider the time between March 22th. 1612. and December 22th. 1614. you ſhall finde that it is one yeare and 3. quarters (which is 7. quarters of yeares) wherefore looke in the firſt Breuiat of quarterly payments of 6 ¼. *per Cent.* for the Number which ſtandeth by 7. quarters, which is

1 1 1 1 9 2 5 3.

Multiply this by 400 l. (the debt named in the Queſtion) and the product will be

4 4 4 7 7 0 1 2 0 0.

From this cut off 7. figures, and Multiply, &c. and you ſhall find, that the 400 l. which *A.* did owe to *B.* March 22th. 1612. will amount to by December 22th. 1614. the ſumme of 444 l. 15 ſh. 4 d. &c. reckoning 6 ¼. *per Cent. per Annum*, Intereſt, and Intereſt vpon Intereſt.

The Worke.

1 1 1 1 9 2 5 3

Facit l 444 | 77012
ſh 15 | 4024
d 4 | 8288

The

The three and fiftieth Question, being the sixt of quarterly payments.

A. *bought of* B. 40. *Tunnes of Wine, at* 20 l. per *Tunne, to pay at* 3. *years end. When* 3. *moneths of the same* 3. *years are expired,* A. *agreeth with* B. *to discharge his debt with ready money, reckoning* 6 $\frac{1}{4}$. per Cent. per Ann. *int. and int. vpon int. They therefore demand, what that ready money ought to be.*

It appeares, that by this last agreement *A.* shall pay his debt, before his day, 2. years & 3. quarters; wch is 11. quar: therfore look in the first Breuiat of quarterly payments of 6 $\frac{1}{4}$. *per Cent.* for the Number which standeth by 11. quarters, which is 11814207.

This Number is your Diuisor.

Multiply 40. Tunns by 20 l. & the product wilbe 800 l. the money wch should haue bin paid for the Wine at 3. years end: before this place 7. Ciphers, and it will be

8000000000.

This Number is your Diuidend.

Diuide this Diuidend now found, by your Diuisor aboue-found; and you shall finde, that the ready money which *A.* shall pay to *B.* to discharge his debt 2. years and 3. quarters before the day, is 677 l. 3 sh. — d. &c. reckoning 6 $\frac{1}{4}$. *per Cent. per Ann.* Int. and Int. vpon Int.

The Worke.

Facit 677 l. 3 sh. — d. &c.

11814207	8000000000
	9114758 11
590710	8478136
4	1 983
	7

The foure and fiftieth Queſtion, being the ſeuenth of quarterly payments.

One oweth 900 l. *to be paid in* 9. *payments*, viz. *at the end of each quarter of a year* 100 l. *He agreeth with his Creditor to reſpite all theſe payments till the laſt payment grow due, reckoning for forbearance after the rate of* $6\frac{1}{4}$. per Cent. per Annum, *intereſt, and intereſt vpon intereſt. The Queſtion is what ought to be paid?*

Becauſe in this Queſtion it is demaunded, what 9. quarterly payments will come to by the end of them, being all forborne for that time; therefore looke in the ſecond Breuiat of quarterly payments of $6\frac{1}{4}$. *per Cent.* for the Number which ſtandeth by 9. quarters, which is

9 5 6 9 8 2 3 6.

Multiply this by 100 l. (the quarterly payment named in the Queſtion) and the product will be

9 5 6 9 8 2 3 6 0 0.

From this cut off 7. figures, &c. and you ſhall finde, if 100 l. *per* quarter, for 9. quarters (which is 2. years and a quarter) be all forborne till the end of the ſame time, that then there ought to be paid 956 l. 19 ſh. 7 d. &c. reckoning $6\frac{1}{4}$. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit	l	956	98236
	ſh	19	6472
	d	7	7664

The

The fiue and fiftith Queſtion, being the eighth of quarterly payments

There is a Leaſe for 8 ¼. *yeares yet to come, which yeeldeth* 400 l. per Annum, viz. 100 l. per *quarter clearely, all out-rents paid: the Queſtion is, What this Leaſe is worth, to be bought in ready money, reckoning* 6 ¼. per Cent. per Ann. *int. and int. vpon int.*

Firſt Multiply 8. yeares by 4. quarters, and adde to the product 3. quarters; and it will ſhew, that in 8. yeares and 3. quarters there are 35. quarters. So the Queſtion in effect is, What 100 l. *per* quarter for 35. quarters is worth ready mony, at the Intereſt aforeſaid? Therefore looke in the ſecond Breuiat of quarterly payments of 6 ¼. *per Cent.* for the Number which ſtands by 35. quarters, which is

4581861 71.

Multiply this by 100 l. (the quarterly payment named in the Queſtion) and the product will be

458186171 00.

This Number is your Diuidend.

Now becauſe the time in the Queſtion is 8 ¾. yeares, which is 35. quarters; therefore looke in the firſt Breuiat of quarterly payments, for the Number which ſtandeth by 35. quarters, which is

16997232.

This Number is your Diuiſor.

Diuide therefore your Diuidend by your Diuiſor, and you ſhall finde, that 100 l. *per* quarter, during 8. yeares & 3. quar. is worth in ready mony 2695 l. 13 ſh. — d. &c.

reckoning $6\frac{1}{4}$. *per Cent. per Ann.* Intereſt, and Intereſt vpon Intereſt.

The Worke.

Facit 2695 l. 13 ſh. —d. &c.

16997232	458x86x7x00
	xx624x5927
	958x686
849861	x65682 5
	x 7 66
708	2

THus haue you a Table of 10. *per Cent.* exactly calculated, and Breuiats of 10. *per Cent.* 9. *per Cent.* 8. *per Cent.* 7. *per Cent.* 6 *per Cent.* 5. *per Cent.* and $6\frac{1}{4}$. *per Cent.* all ſeruing for Annuall payments; and alſo Breuiats of 10. *per Cent.* ſeruing for halfe yearly payments: and Breuiats for quarterly payments of 10. *per Cent.* and of $6\frac{1}{4}$. *per Cent.* with Queſtions of each of thoſe Intereſts, and inſtructions how to worke thoſe Queſtions: which inſtructions ſerue not only for thoſe Queſtions, but alſo (with conſideration, and vſe of reaſon) for reſoluing of many other neceſſary Queſtions.

Notwithſtanding, becauſe the Breuiats before ſet downe, do none of them contain the iuſt Intereſt which men make of their money, when they buy land at 20. yeares purchaſe, nor at 16. yeares purchaſe; except the yearly

yearly Rent be receiued all at once, at the end of each yeare (both which rates of 20. and 16. yeares purchaſe are much vſed in buying Land, and houſes; and commonly Rents are receiued either halfe yearely, or quarterly) therefore we will now ſet downe yet 4. more Breuiats; whereof the firſt two, ſerue for ſuch Queſtions as require ſuch profite for vſe of money, as men haue when they buy Land at 20. yeares purchaſe; and the other two ſerue for ſuch Queſtions, as require ſuch profit for vſe of money, as men haue when they buy Land at 16. years purchaſe.

But before wee come to the Breuiats, note this; that when Land is ſaid to be bought at 20. yeares purchaſe, the Intereſt is to be vnderſtood in one of the 3. manners following:

The firſt is, when the Rent is receiued for each yeare all together, at the end of the year; in which caſe the Intereſt is 5. *per Cent. per Ann.*

The ſecond is, when the Rent is receiued halfe yearly; in which caſe the Intereſt is $2\frac{1}{2}$. *per Cent.* or 1. *per* 40. *per* halfe yeare.

The third is, when the Rent is receiued quarterly; in which caſe the Intereſt is $1\frac{1}{4}$. *per Cent.* or 1. *per* 80. *per* quarter.

For the firſt of theſe manners of receiuing or paying Rent, the Breuiat of 5. *per Cent.* before ſet downe in pag. 57. doth ſerue the turne, to worke Queſtions of Leaſes or Rents, after the rate of 20. years purchaſe.

For the ſecond manner of receiuing Rent, which is halfe yearly, the two Breuiats next following and aboue mentioned, will ſerue; and alſo to worke ſuch Queſtions as require ſuch Intereſt or profite, by employment

of money as men haue when they buy Land at 20. years purchaſe, and receiue halfe the years Rent at the end of each halfe yeare.

This Intereſt or profit, as aboue is ſhewed, is 2 $\frac{1}{2}$. *per Cent.* or 1. *per* 40. *per* halfe yeare.

Which Intereſt or profit (for breuity ſake) as well in the Titles of the two Breuiats, as alſo in the Queſtions, vnderſtand in theſe words; *After the rate of* 20. *yeares Purchaſe.*

In both theſe Breuiats (as in the former) account all the Numbers for Numerators, each of them hauing for Denominator

1 0 0 0 0 0 0 0.

The

THE FIRST BREVIAT OF HALFE yearly Rents, reckoning Intereſt after the *rate of* 20. *yeares purchaſe.*

Shewing what 1 l. put out at ſuch Intereſt, for any Number of Halfe Yeares vnder 101. wil amount to at the end of them.

Halfe Yeares.			Halfe Yeares.
1	10250000	19002927	26
2	10506250	19478000	27
3	10768906	19964950	28
4	11038128	20464073	29
5	11314082	20975675	30
6	11596934	21500067	31
7	11886857	22037569	32
8	12184028	22588508	33
9	12488629	23153221	34
10	12800845	23732051	35
11	13120866	24325353	36
12	13448888	24933486	37
13	13785110	25556824	38
14	14129738	26195744	39
15	14482981	26850638	40
16	14845056	27521904	41
17	15216182	28209951	42
18	15596587	28915200	43
19	15986501	29638080	44
20	16386164	30379032	45
21	16795818	31138508	46
22	17215713	31916971	47
23	17646106	32714895	48
24	18087259	33532767	49
25	18539440	34371087	50

THE FIRST BREVIAT OF HALFE yearly Rents, reckoning Intereſt after the *rate of* 20. *yeares purchaſe.*

Shewing what 1 l. put out at ſuch Intereſt, for any Number of Halfe Yeares vnder 101. will amount to at the end of them.

Halfe Yeares.		Halfe Yeares.	
51	35230364	76	65315126
52	36111123	77	66948004
53	37013901	78	68621704
54	37939249	79	70337246
55	38887730	80	72095678
56	39859923	81	73898070
57	40856421	82	75745521
58	41877332	83	77639159
59	42924778	84	79580138
60	43997897	85	81569642
61	45097844	86	83608883
62	46225291	87	85699105
63	47380923	88	87841583
64	48565446	89	90037622
65	49779582	90	92288563
66	51024072	91	94595777
67	52299673	92	96960671
68	53607165	93	99384688
69	54947344	94	101869305
70	56321028	95	104416038
71	57729054	96	107026439
72	59172280	97	109702100
73	60651587	98	112444652
74	62167877	99	115255769
75	63722074	100	118137163

THE SECOND BREVIAT OF HALFE yearly Rents, reckoning Intereſt after the *rate of* 20. *yeares purchaſe.*

Shewing what 1 l. *per* halfe yeare, will amount vnto, being all forborne vntill the end of any Number of halfe yeares vnder 101.

Halfe Yeares.		Halfe Yeares.	
1	10000000	26	360117080
2	20250000	27	379120007
3	30756250	28	398598007
4	41525156	29	418562957
5	52563285	30	439027031
6	63877367	31	460002707
7	75474301	32	481502775
8	87361159	33	503540344
9	99545187	34	526128853
10	112033817	35	549282074
11	124834663	36	573014126
12	137955529	37	597339479
13	151404417	38	622272966
14	165189528	39	647829790
15	179319266	40	674025535
16	193802248	41	700876173
17	208647304	42	728398078
18	223863487	43	756608030
19	239460074	44	785523230
20	255446576	45	815161311
21	271832740	46	845540344
22	288628559	47	876678852
23	305844273	48	908595824
24	323490379	49	941310719
25	341577639	50	974843487

THE SECOND BREVIAT OF HALFE yearly Rents, reckoning Interest after the *rate of* 20. *yeares purchase.*

Shewing what 1 l. *per* halfe yeare, will amount to, being all forborne till the end of any Number of halfe yeares vnder 101.

Halfe Yeares.			Halfe Yeares.
51	1009214575	2212605044	76
52	1044444939	2277920170	77
53	1080556062	2344868175	78
54	1117569964	2413489879	79
55	1155509213	2483827126	80
56	1194396943	2555922804	81
57	1234256867	2629820874	82
58	1275113289	2705566396	83
59	1316991121	2783205556	84
60	1359915899	2862785695	85
61	1403913797	2944355337	86
62	1449011641	3027964221	87
63	1495236932	3113663326	88
64	1542617856	3201504910	89
65	1591183302	3291542532	90
66	1640962885	3383831096	91
67	1691986957	3478426873	92
68	1744286631	3575387545	93
69	1797893797	3674772233	94
70	1852841142	3776641539	95
71	1909162170	3881057578	96
72	1966891224	3988084917	97
73	2026063505	4097786118	98
74	2086715093	4210230771	99
75	2148882970	4325486540	100

The ſixe and fiftieth Queſtion, being the firſt of halfe yearely Rents after the rate of 20. yeares Purchaſe.

March 25. 1613. *A Merchant paide* 1000 l. *for certain land which was out in Leaſe till March* 25. 1620. *during* w^ch *Leaſe, the Merchant ſhall receiue but a pepper corne* per Ann. *But after the ſame Leaſe is expired, he ſhall receiue* 70 l. per Ann. viz. 35 l. per *halfe yeare. The Queſtion is, whether this Merchant doe pay for this land more or leſſe then* 20. *yeares purchaſe, and how much; reckoning Int. after the rate of* 20. *yeares purchaſe, the Rent being receiued halfe yearly?*

Firſt, Subtract 1613. (the year of our Lord when the land is paid for) from 1620. (the yeare of our Lord when the Leaſe mentioned in the Queſtion expires) and there will remaine 7. which ſheweth, that the Purchaſer doth pay his 1000 l. 7. yeares before hand. Therefore finde what 1000 l. will come to by 7. yeares end, being put forth at ſuch Int. as in the Queſtion is mentioned: which to finde, do thus;

Becauſe the time is 7. yeares, which is 14. halfe years; therfore looke in the firſt Breuiat of halfe yearly Rents, for the Number that ſtands by 14. halfe years, which is

14129738.

Multiply this by 1000 l. (the money paid for the land named in the Queſtion, and now ſuppoſed to be put out at the Intereſt aforeſaid, for 7. years, becauſe it was paid 7. yeares before hand) and the product will be

14129738000.

From this cut off 7. figures, and Multiplie, &c. as

you haue beene taught; and you ſhall finde, that 1000 l. being put forth at the ſaid Intereſt for 7. yeares, will come to

1412 l. 19 ſh. 5 d. &c.

Wherby appeares, that the land for which 1000 l. is paid 7. yeares before hand, doth ſtand the Purchaſer in

1412 l. 19 ſh. 5 d. &c.

reckoning Int. after the rate of 20. yeares purchaſe, &c.

Now multiply 70 l. (the Rent for one yeare named in the Queſtion) by 20. yeares, and the product will be

1400 l.

Thus much at 20. yeares purchaſe is the Land (named in the Queſtion) worth, to be paid when the Leaſe mentioned in the Queſtion expires.

Subtract this 1400 l. from 1412 l. 19 ſh. 5 d. &c. before-found, and there will remaine

12 l. 19 ſh. 5 d. &c.

Which ſheweth, that hee which 7. yeares before hand paieth 1000 l. for Land, that yeelds 70 l. *per Ann. viz.* 35 l. *per* halfe yeare, paieth more then 20. yeares purchaſe, by 12 l. 19 ſh. 5 d. &c.

The Worke.

l.	1412	9738					70	
ſh	19	476					20	
d	5	712						
							1400 l.	
				1412.	19.	5	d. &c.	
				1400.	—.	—.		

Facit. The Purchaſer payeth for the Land 12 l. 19 ſh. 5 d. &c. more then 20. years purchaſe.

reckoning Int. after the rate of 20. years purchaſe, &c.

The

The ſeuen and fiftieth Queſtion, being the ſecond of halfe yearly Rents, after the rate of 20 years Purchaſe.

The King gaue a Gentleman certaine Land, reſerning the olde Rent: this Land is out in Leaſe for 26. *yeares yet to come; during which time, the Gentleman ſhall receiue no more then he is to pay to the King. But after this* 26. *yeares is expired, the Land will yeeld* 300 l. per Annum, viz. 150 l. per *halfe yeare, more then the Rent due to the King. The Queſtion is, what this Land is worth to be ſold, reckoning* 20. *yeares Purchaſe, and Intereſt after the rate of* 20. *yeares purchaſe, the Rent being receiued halfe yearly.*

Becauſe in this Queſtion the rate of purchaſe is 20. yeares, therefore Multiply 300 l. (the yearly profit after the Leaſe is expired) by 20. and the product will be

6000 l.

Thus much, at 20. yeares purchaſe, is the Land worth, to be paid at the expiration of the Leaſe, which is 26. yeares after the ſale; wherefore now the Queſtion is, what this 6000 l. due at 26. years end (which is 52. halfe yeares) is worth ready money, at ſuch Intereſt as in the Queſtion is mentioned.

Therefore looke in the firſt Breuiat of halfe yearely Rents, for the Number that ſtandeth by 52. halfe years, which is 36111123.

This Number is your Diuiſor.

Then place 7. Ciphers before 6000 l. (before-found) and it will be 60000000000.

This Number is your Diuidend.

Diuide this Diuidend by your Diuisor, &c. and you shall finde, that 300 l. *per Ann. viz.* 150 l. *per* half yeare, after 26. years, is worth in ready money

1661 l. 10 sh. 9 d. &c.

reckoning 20. yeares Purchase, and Int. after the rate of 20. years Purchase, &c.

The Worke.

	Facit 1661. 10. 9 d. &c.
36111123	6000000000
	2388887722 7
	22222338 9
1805556	5552563
	194641
150	13 9

The eight and fiftith Question, being the third of halfe yearely Rents after the rate of of 20. years Purchase.

A Gentleman hath a Tenant that payeth him for certain Lands 200 l. per Ann. viz. 100 l. per *halfe yeare: this Gentleman is minded to trauell, for* 3. *yeares; wherefore he agreeth with the said Tenant, that he shall keep the Rents in his handes till the three yeares bee expired; and that then he shall pay all the* 600 l. *together, with such Interest as men haue when they buy Land at* 20. *yeares Purchase, and receiue the Rent halfe yearely. The Question is, how much the Tenant shall pay*

to

to the Gentleman at the three yeares end.

The Queſtion here in effect is, what 100 l. *per* halfe yeare for 3. yeares, which is 6. halfe yeares, will amount to, being all forborne till the 3. yeares end: therfore looke in the ſecond Breuiat of halfe yearely Rents, for the Number that ſtandeth by 6. halfe yeares, which is

6 3 8 7 7 3 6 7.

Multiply this by 100 l. (the halfe yearely Rent named in the Queſtion) and the product will be

6 3 8 7 7 3 6 7 0 0.

From this cut off 7. figures, and Multiply, &c. and you ſhall finde, that 100 l. *per* halfe yeare, being all forborne for three yeares, will amount to at the three yeares end

6 3 8. 1 5. 5 d. &c.

reckoning Int. after the rate of 20. yeares Purchaſe, &c.

Therefore ſo much ought the Tenant to pay the Gentleman at the three years end.

The Worke.

Facit	l	6	3 8	7	7	3	6 7
	ſh		1 5	4	7	3	4
	d		5.	6	8		

The nine and fiftieth Queſtion, being the fourth of halfe yearly Rents, after the rate of of 20. years Purchaſe.

A man hath a Leaſe of certaine land for 19 ½. *yeares, which*

which yeeldeth 500 l. per *halfe yeare clearely, all out-rents paid: What is this Leaſe worth to be ſolde, reckoning ſuch intereſt as men haue when they buy Land at* 20. *yeares purchaſe, and receiue the Rents halfe yearly?*

Multiply 19. yeares by 2. halfe years, & the product will be 38. halfe yeares; to this adde the 1. halfe yeare (named with the 19. yeares in the Queſtion) and it will be 39. halfe yeares.

So you ſee, that the demand in the Queſtion, in effect is, What 500 l. *per* halfe yeare, for 39. halfe yeares, is worth ready money, at the Intereſt named in the Queſtion; therefore looke in the ſecond Breuiat of halfe yearly Rents, for the Number that ſtandeth by 39. halfe yeares, which is

647829790.

Multiply this by 500 l. (the halfe yearely Rent named in the Queſtion) and the product will be

323914895000.

This Number is your Diuidend.

Now becauſe the time in the Queſtion is $19\frac{1}{2}$. yeares, which is 39. halfe yeares; therefore look in the firſt Breuiat of halfe yearely Rents, for the nine and thirtieth Number, which is

26195744.

This Number is your Diuiſor.

Diuide your Diuidend aboue-found, by your Diuiſor now found, &c. & you ſhall finde, that a Leaſe for $19\frac{1}{2}$. yeares, of that Land which yeelds 500 l. *per* halfe yeare Rent clearly, is worth to be ſold

12365 l. 3 ſh. 5 d. &c.

reckoning Int. after the rate of 20. years purchaſe, &c.

The

The Worke.

	647829790
	Facit 12365. 3. 5 d.&c.
26195744	323914895000
	61557457869
	976596314
	113724947
1309787	5491
	452
109	9

NOw follow the 2. Breuiats of quarterly Rents, calculated for Int. after the rate of 16. yeares Purchase.

But before we come to the Breuiats, note this; that when land is said to be bought at 16. yeares purchase, the interest is to be vnderstood in one of the three manners following:

1 First, that if the Rent for each year be receiued in one payment all together at the end of the yeare, that then the interest is 6 $\frac{1}{4}$. *per Cent. per Ann.* or 1. *per* 16. *per Annum.*

2 Secondly, that if the Rent for each yeare be receiued in two payments, *viz.* at the end of each halfe yeare one moitie, that then the Interest is 3 $\frac{1}{8}$. *per Cent. per* halfe yeare, or 1 *per* 32. for halfe yeare.

3 Thirdly, that if the Rent for each year be receiued in 4. payments, *viz* at the end of each quarter of a yeare one fourth part of the yeares Rent, that then the Interest

is $1\frac{9}{16}$.*per Cent.per* quarter,or 1.*per* 64.*per* quarter.

For the firſt of theſe manners of receiuing Rent, the Breuiats of $6\frac{1}{4}$.*per Cent. per Ann.* (before ſet down in page 78,79, 80, 81, and 82.) doſerue to worke queſtions of Leaſes or Rents,&c. after the rate of 16 yeares Purchaſe.

For the third of theſe manners of receiuing Rent,*viz.* when the Rent is receiued quarterly; the two Breuiats next following will ſerue the turne, to worke Queſtions of Leaſes or Rents, after the rate of 16. years purchaſe; and alſo to work ſuch Queſtions as require ſuch Intereſt or profit, by employment of money, as men haue when they buy land at 16. yeares purchaſe, and receiue one fourth part of the yeares Rent, at the end of each quarter of a yeare: which Int. (as aboue is ſhewed) is $1\frac{9}{16}$.*per Cent.per* quarter,or 1.*per* 64.*per* quarter.

Which Intereſt (for breuity ſake) both in the Titles of the Breuiats,& Queſtions, vnderſtand in theſe words; *After the rate of* 16.*years Purchaſe.*

In both theſe Breuiats (as in the former) account all the Numbers for Numerators, each of them hauing for Denominator

10000000.

The

THE FIRST BREVIAT OF QVARterly Rents, reckoning Interest after the *rate of* 16. *yeares purchase, &c.*

Shewing what 1 l. put out at such Int. for any Number of quarters of years, vnder 201. will amount to at the end of them.

No. of Years.		No. of Years.
1	10156250	26
2	10314941	27
3	10476112	28
4	10639801	29
5	10806048	30
6	10974893	31
7	11146375	32
8	11320537	33
9	11497421	34
10	11677068	35
11	11859522	36
12	12044827	37
13	12233028	38
14	12424169	39
15	12618296	40
16	12815457	41
17	13015699	42
18	13219065	43
19	13425617	44
20	13635392	45
21	13848445	46
22	14064827	47
23	14284590	48
24	14507787	49
25	14734471	50

14964697	
15198521	
15435998	
15677185	
15922141	
16170924	
16423595	
16680214	
16940842	
17205543	
17474380	
17747417	
18024720	
18306356	
18592393	
18882899	
19177945	
19477600	
19781938	
20091030	
20404953	
20723780	
21047589	
21376458	
21710465	

THE FIRST BREVIAT OF QVARterly Rents, reckoning Intereſt after the *rate of* 16. *yeares purchaſe, &c.*

Shewing what 1 l. put out at ſuch Int. for any Number of quarters of years, vnder 201. will amount to at the end of them.

Qu. of Years.			Qu. of Years.
51	22049691	32489055	76
52	22394217	32996696	77
53	22744127	33512270	78
54	23099504	34035899	79
55	23460434	34567710	80
56	23827003	35107830	81
57	24199300	35656390	82
58	24577414	36213521	83
59	24961436	36779357	84
60	25351459	37354035	85
61	25747575	37937692	86
62	26149881	38530468	87
63	26558473	39132507	88
64	26973449	39743952	89
65	27394909	40364951	90
66	27822955	40995654	91
67	28257688	41636211	92
68	28699215	42286777	93
69	29147640	42947508	94
70	29603072	43618562	95
71	30065620	44300102	96
72	30535395	44992292	97
73	31012511	45695296	98
74	31497031	46409285	99
75	31989223	47134430	100

THE FIRST BREVIAT OF QVARterly Rents, reckoning Intereſt after the *rate of* 16. *yeares Purchaſe, &c.*

Shewing what 1 l. put out at ſuch Intereſt, for any Number of quarters of years, vnder 2 . will amount to at the end of them.

Quar. of Years.			Quar. of Years.
101	47870906	70535250	126
102	48618889	71637364	127
103	49378559	72756697	128
104	50150099	73893521	129
105	50933694	75048107	130
106	51729533	76220734	131
107	52537807	77411683	132
108	53358710	78621240	133
109	54192440	79849697	134
110	55039197	81097349	135
111	55899184	82364495	136
112	56772609	83651440	137
113	57659681	84958494	138
114	58560614	86285970	139
115	59475623	87634189	140
116	60404930	89003473	141
117	61348757	90394152	142
118	62307331	91806561	143
119	63280883	93241038	144
120	64269647	94697929	145
121	65273860	96177585	146
122	66293764	97680359	147
123	67329605	99206615	148
124	68381630	100756718	149
125	69450093	102331042	150

THE FIRST BREVIAT OF QVARterly Rents, reckoning Intereſt after the *rate of* 16. *yeares Purchaſe, &c.*

Shewing what 1 l. put out at ſuch Intereſt, for any Number of quarters of years, vnder 202. will amount to at the end of them.

Quar. of Years.			Quar. of Years.
151	10392965	153135312	176
152	10555387	155528051	177
153	10720315	157958177	178
154	10887819	160426273	179
155	11057942	162932934	180
156	11230722	165478761	181
157	11406202	168064366	182
158	11584424	170690372	183
159	11765431	173357409	184
160	11949265	176066119	185
161	12135973	178817152	186
162	12325597	181611170	187
163	12518185	184448844	188
164	12713781	187330858	189
165	12912434	190257902	190
166	13114195	193230682	191
167	13319107	196249911	192
168	13527216	199316316	193
169	13738543	202430634	194
170	13953239	205593612	195
171	14171258	208806013	196
172	14392684	212068607	197
173	14617570	215382179	198
174	14845970	218747525	199
175	15077938	222165455	200

THE SECOND BREVIAT OF QVARterly Rents, reckoning Intereſt after the *rate of* 16. *yeares purchaſe, &c.*

Shewing what 1 l. *per* quarter, will amount to, being all forborne till the end of any Number of quarters of years vnder 201.

Quar. of Years.			Quar. of Years.
1	10000000	31774065 4	26
2	20156250	33270535 2	27
3	30471191	34790387 3	28
4	40947303	36333987 1	29
5	51587105	37901705 7	30
6	62393153	39493919 8	31
7	73368046	41111012 3	32
8	84514422	42753371 9	33
9	95834960	44421393 3	34
10	107332381	46115477 6	35
11	119009450	47836032 0	36
12	130868972	49583470 0	37
13	142913800	51358211 7	38
14	155146828	53160683 7	39
15	167570997	54991319 4	40
16	180189294	56850558 8	41
17	193004752	58738848 8	42
18	206020451	60656643 3	43
19	219239521	62604403 3	44
20	232665138	64582597 1	45
21	246300531	66591700 2	46
22	260148977	68632195 5	47
23	274213805	70704573 6	48
24	288498395	72809332 6	49
25	303006183	74946978 4	50

THE SECOND BREVIAT OF QVARterly Rents, reckoning Intereſt after the *rate of* 16. *yeares purchaſe, &c.*

Shewing what 1 l. *per* quarter, will amount to, being all forborne till the end of any Number of quarters of years vnder 201.

Quar. of Years.			Quar. of Years.
51	77 11 80 249	1 43 92 99 533	76
52	79 32 29 940	1 47 17 88 588	77
53	81 56 24 158	1 50 47 85 285	78
54	83 83 68 286	1 53 82 97 555	79
55	86 14 67 790	1 57 23 33 454	80
56	88 49 28 225	1 60 69 01 164	81
57	90 87 55 228	1 64 20 08 995	82
58	93 29 54 528	1 67 76 65 385	83
59	95 75 31 943	1 71 38 78 907	84
60	98 24 93 380	1 75 06 58 265	85
61	100 78 44 839	1 78 80 12 300	86
62	103 35 92 414	1 82 59 49 993	87
63	105 97 42 296	1 86 44 80 461	88
64	108 63 00 769	1 90 36 12 968	89
65	111 32 74 219	1 94 33 56 921	90
66	114 06 69 128	1 98 37 21 873	91
67	116 84 92 083	2 02 47 17 527	92
68	119 67 49 772	2 06 63 53 739	93
69	122 54 48 987	2 10 86 40 516	94
70	125 45 96 628	2 15 15 88 024	95
71	128 41 99 700	2 19 52 06 587	96
72	131 42 65 321	2 23 95 06 690	97
73	134 48 00 716	2 28 44 98 982	98
74	137 58 13 227	2 33 01 94 278	99
75	140 73 10 309	2 37 66 03 564	100

THE SECOND BREVIAT OF QVARterly Rents, reckoning Intereſt after the *rate of* 16. *yeares purchaſe, &c.*

Shewing what 1. l. *per* quarter, will amount to, being all forborne till the end of any Number of quarters of years vnder 201.

Quar. of Years.		Quar. of Years.	
101	2423737995	126	3874256052
102	2473160891	127	3944791303
103	2520227790	128	4016428667
104	2569600349	129	4089185365
105	2619756448	130	4163078886
106	2670690143	131	4238126994
107	2722419676	132	4314347728
108	2774957484	133	4391759412
109	2828316195	134	4470380652
110	2882508635	135	4550230350
111	2937547832	136	4631327699
112	2993447017	137	4713692195
113	3050219627	138	4797343635
114	3107879309	139	4882302129
115	3166439923	140	4968588100
116	3225915547	141	5056222289
117	3286320477	142	5145225763
118	3347069235	143	5235619915
119	3409976566	144	5327426476
120	3473257450	145	5420667515
121	3537527098	146	5515365445
122	3602800959	147	5611543030
123	3669094724	148	5709223390
124	3736424329	149	5808430005
125	3804805959	150	5909186724

THE SECOND BREVIAT OF QVARterly Rents, reckoning Interest after the *rate of 16. yeares purchase, &c.*

Shewing what 1 l. *per* quarter, will amount to, being all forborne till the end of any Number of quarters of years vnder 201.

Quar. of Years.			Quar. of Years.
151	6011517767	9160659974	176
152	6115447732	9313795286	177
153	6221001603	9469323337	178
154	6328204753	9627281514	179
155	6437082952	9787707788	180
156	6547662373	9950640722	181
157	6659969598	10116119483	182
158	6774031623	10284183850	183
159	6889875867	10454874223	184
160	7007530177	10628231633	185
161	7127022836	10804297752	186
162	7248382568	10983114904	187
163	7371638546	11164726075	188
164	7496820398	11349174920	189
165	7623958217	11536505778	190
166	7753082564	11726763681	191
167	7884224479	11919994363	192
168	8017415486	12116244275	193
169	8152687603	12315560592	194
170	8290073347	12517991226	195
171	8429605743	12723584839	196
172	8571318333	12932390852	197
173	8715245182	13144459459	198
174	8861420888	13359841638	199
175	9009880589	13578589164	200

The ſixtieth Queſtion, being the firſt of quarterly Rents, after the rate of 16. years purchaſe.

If a man pay 50 l. *for a Leaſe in reuerſion after* 9. *yeares and a quarter: what doth this Leaſe in reuerſion ſtand him in at the beginning thereof, reckoning int. after the rate of* 16. *yeares purchaſe, the Rents being receiued quarterly?*

Becauſe the time in this Queſtion is $9\frac{1}{4}$ years, which is 37. quarters, therefore looke in the firſt Breuiat of quarterly Rents, for the Number that ſtandeth by 37. quarters, which is

17747417.

Multiply this Number by 50 l. (the money paid for the Leaſe) and the product will be

887370850.

From this cut off 7. figures, &c. and you ſhall finde, if 50 l. be paid for a Leaſe in reuerſion 9. yeares and a quarter before hand, that the ſame Leaſe at the beginning thereof, doth ſtand the buyer in

88 l. 14 ſh. 8 d. &c.

reckoning Int. after the rate of 16. yeares purchaſe, &c.

The Worke.

		17747417
Facit	l	88 | 737085
	ſh	14 | 7417
	d	8 | 9004

The ſixtie one Queſtion, being the ſecond of quarterly Rents, after the rate of 16. yeares Purchaſe.

There is certaine Land, which yeelds 400 l. per Ann. *viz.* 100 l. *Rent, per quarter: what is this Land worth, to be ſold when the Purchaſer muſt pay the money* 10. *years before he enter vpon it? reckoning* 16. *yeares Purchaſe, and intereſt after the rate of* 16. *yeares purchaſe, the Rents being receiued quarterly.*

Becauſe in this Queſtion the rate of purchaſe is 16. yeares; therefore Multiply 400 l. (the Rent for one yeare) by 16. and the product will be

6400 l.

Thus much at 16. yeares purchaſe is the Land worth, to be paid when the Purchaſer enters vpon it; which is 10. yeares after the Purchaſer muſt pay his money. Therefore now the Queſtion is, what this 6400 l. due at 10. yeares end, which are 40. quarters, is worth ready money, reckoning ſuch intereſt as in the Queſtion is mentioned: wherefore looke in the firſt Breuiat of quarterly Rents, for that Number which ſtands by 40. quarters, which Number is

1 8 5 9 2 3 9 3.

This Number is your Diuiſor.

Now place 7. Ciphers before 6400 l. aboue-found, and it will be

6 4 0 0 0 0 0 0 0 0 0.

This Number is your Diuidend.

Diuide this Diuidend by your Diuiſor, &c. and you ſhal finde

finde that 100 l. *per* quarter is worth, to be paid for 10. yeares before hand

3442 l. 5 ſh. 4 d. &c.

reckoning Int. after the rate of 16. yeares purchaſe, &c.

The Worke.

Facit 3442 l. 5 ſh. 4 d. &c.

18592393	64000000000
	82228218884
	78516329 9
	42988 1
929619	4333
77	5

The ſixtie two Queſtion, beeing the third of quarterly Rents, after the rate of 16. yeares purchaſe.

If 200 l. per *quarter, be all forborn till 7. years end; What is it then worth, reckoning Int. after the rate of* 16. *years purchaſe, the Rents being received quarterly?*

Becauſe the time in this Queſtion is 7. years, which is 28. quarters; therefore looke in the ſecond Breuiat of quarterly Rents, for the Number which ſtands by 28. quarters, which is 3479038 73.

Multiply this by 200 l. (the quarterly Rent named in the Queſtion) and the product will be

695807746 00.

From this cut off 7. figures, &c. and you ſhall finde, if 200 l. *per* quar. with the Int. after the rate of 16. yeares purchaſe, &c. be all receiued together at 7. years end, that then there ought to be receiued 6958 l. 1 ſh. 6 d. &c.

The Worke.

Facit	l	6	9	5	8	0	7	7 4 6
	ſh				1	5	4	9 2
	d				6	5	9	0 4

The ſixtie third Queſtion, being the fourth of quarterly Rents, after the rate of 16. yeares purchaſe.

A man hath a Leaſe to endure 30. *years yet to come; for which time he is to pay* 40 l. *a yeare*, viz. 10 l. per *quarter Rent: How much money ſhall hee pay to his Landlord, to bring the Rent downe to* 20 ſh. *a quarter; reckoning intereſt after the rate of* 16. *years purchaſe, the Rents being receiued quarterly?*

If 10 l. *per* quarter Rent be brought down to 20 ſh. a quarter, it appeareth that the Rent is diminiſhed 9 l. *per* quarter. Therefore find what 9 l. *per* quarter for 30. yeares is worth in ready money, reckoning ſuch Intereſt as in the Queſtion is mentioned. Which to do, firſt Multiply 30. yeares by 4. quarters, and you ſhall finde, that in 30. yeares are 120. quarters of years: then look in the ſecond Breuiat of quarterly Rents, for that Number which ſtands by 120. quarters, which is

3473257450.

Multiply this by 9 l. (the quantity of quarterly Rent to be abated, the valew whereof in ready money you now ſeeke) and the product will be

3125931705 0.

This Number is your Diuidend.

Now

Now becauſe the time of the Leaſe is 30. yeares, which are 120. quarters; therefore looke for the Number which ſtands by 120. quarters in the firſt Breuiat of quarterly Rents, which Number is

64269647.

This Number is your Diuiſor.

Diuide now your Diuidend by your Diuiſor, &c. and you ſhall finde, that 9 l. *per* quarter for 30. yeares, is worth in ready money

4861. 7ſh. 6d. &c.

reckoning Intereſt after the rate of 16. yeares purchaſe, &c.

Therefore the Tenant, to bring his Rent down from 10 l. a quarter to 20 ſh. a quarter, muſt pay to his Landlord

4861. 7ſh. 6d. &c.

The Worke.

Facit. 4861. 7ſh. 6d. &c.

64269647

3213482
267

3 x 2 5 9 3 x 7 0 5 0
5 5 1 x 4 5 8 x 9 8
4 9 8 8 6 4 3 4
4 x 6 8 6
1 7 7 4 2

THus hauing ſet downe Inſtructions for ſo many Queſtions, we doubt not but the heedfull Reader will by them, not onely conceiue how to worke the Queſtions already done; but alſo perceiue how to worke many other Queſtions. Therefore in the

Queſtions

Queſtions following we will not ſet downe ſuch inſtructions as hitherto we haue done.

In working which Queſtions, we will make vſe of the ſeuerall Breuiats before ſet downe, as the ſeuerall Int. in each Queſtion ſhall giue cauſe.

The ſixty fourth Queſtion.

A Merchant oweth 400 l. *to be paid in* 5. *yeares, by* 80 l. *at the end of each yeare: he agreeth with his Creditor to cleare the debt preſently, reckoning* 10. per Cent. per Ann. *int. and int. vpon int. They therfore demand, How much the Debitor ſhall pay in ready money, to ſatisfie his debt according to their agreement.*

The Worke.

		3	7907867	
Facit	l	303	262936	6
	ſh		5 25872	
	d		3 10464	

The ſixtie fift Queſtion.

One oweth 100 l. *to be paid in* 10. *yearly equall payments, by* 10 l. *a yeare: this Debitor is contented to cleare the debt preſently, ſo he may be allowed after the rate of* 10 per Cent. per Ann. *int. and int. vpon int. to which the Creditor agreeth. The Queſtion is how much ready money will ſuffice to pay it.*

The Worke.

	l	61	445672	
Facit	ſh	8	91344	
	d	10	96128	

The

The sixtie sixt Question.

If the Lease of an house for 22. *yeares, cost* 210 l. *and* 10 l. per Annum, viz. 2 l. 10 sh. per *quarter Rent: I demaund what quarterly Rent this house shall stand the Tenant in, reckoning such int. as men haue when they buy houses at* 16. *years purchase, and receiue the Rent quarterlie?*

The Worke.

```
                          39132507
                         78265014
                         ---------
                         4 l. 8 sh. 1 d.&c.
                         ---------
1864480461                8217826473
 93224023                  759914626
  77                         141  2442
```

Facit 6. 18. 1 d.&c. *per* quarter.

The sixty seuenth Question.

One oweth 662 l. *to be paid at the end of* 3. *yeares: he agreeth with his Creditor to pay it in* 3. *payments,* viz. *at the end of euery year a summe, the one payment no greater then the other. The Question is, how much each payment shal be, reckoning* 10. per Cent. per Ann. *interest, and interest vpon interest.*

The Worke.

Facit 200 l.

```
331                 66200
```

The sixtie eightth Question.

Iohn Rainton *did owe to* Philippo Corsini, *and* Martin de la Faille, 11200 l. *payable in* 14. *yeares by* 800 l. *a yeare: the Question, is what the same was worth in ready monoy, reckoning* 8 per Cent. per Annum, *interest, and interest vpon interest.*

The Worke.

```
                    19371936
                     242149200
                    ---------
                Facit 6595 l.7 sh.9 d.&c.
                    ---------
29371936            19371936 0000
                     1748774 4768
                      285137698
1468596                 118441
 122                     1162
                            1
```

The sixtie ninth Question.

If for a Lease in reuersion after 9. *yeares, a man pay* 50 l. *ready money, and* 10 sh. per *quarter: What doth that Lease stand him in, reckoning such interest as men haue when they buy houses at* 16. *yeares purchase, and receiue the Rent quarterly?*

The Worke.

```
17474380                 478360320
                         ---------
                         239180160
                         873719000
                         ---------
                l      111|2899160
Facit  {  sh          5|79832
       {  d           9|57984
```

The

The ſeuentieth Queſtion.

One oweth 900 l. *to be paid all at the end of* 2. *yeares: he agreeth with his Creditor to pay it in* 5. *yeares,* viz. *euery yeare a like ſumme. They demaund what each of theſe* 5. *payments ſhall be, reckoning* 10. per Cent. per Ann. *int. and int. vpon int.*

The Worke.

8264462
7438015800

2637974
13189870
21103792
21103792
7913922
10551896
18465818

Facit	l	196	212922919892
	ſh	4	2584583978 4
	d	3	1014

The ſeuentie one Queſtion.

A man died, who gaue by Will out of his Land 1000 l. *to be paide at the end of* 17. *yeares: his Executor agreeth to ſet out Land for* 17. *yeares to anſwere this. The Queſtion is, of how much Rent for one quarter of a yeare that Land muſt be, reckoning intereſt after the rate of* 16. *yeares Purchaſe, the Rents being receiued quarterly.*

The Worke.

Facit 8. 7. 1 d. &c. *per* quar.

1 1 9 6 7 4 9 7 7 2
5 9 8 3 7 4 8 8
4 9

1 0 0 0 0 0 0 0 0 0 0
4 2 6 1 3 1 8 2 4
7 9 4 8

The ſeuenty two Queſtion.

The Mannor of Dale is out in Leaſe for 7. *years at* 10 l. per Ann. *Rent; which Mannor by ſurvey is found to be worth* 80 l. per Annum. *This Manner is to be ſold at* 16. *yeares purchaſe, according to the ſaid rate of ſurvey: what ſhall be paid, reckoning ſuch intereſt as men haue when they buy land at* 16. *yeares purchaſe, and receiue the Rent quarterly?*

The Worke.

3 4 7 9 0 3 8 7 3
2 1/2

6 9 5 8 0 7 7 4 6
1 7 3 9 5 1 9 3 6

8 6 9 7 5 9 6 8 2
1 2 8 0 0 0 0 0 0 0

Facit 885 l. 11 l. 6 d. &c.

1 5 4 3 5 9 9 8

7 7 1 7 9 9

6 4

The

The seuentie third Question.

Sept. 1. Anno 1612. A. *did owe to* B. 1200 l. *to be paid in manner following:*

200 l. *Sept.* 1. Anno 1613.
200 l. *March* 1. Anno 1613.
200 l. *Sept.* 1. Anno 1614.
200 l. *March* 1. Anno 1614.
200 l. *Sept.* 1. Anno 1615.
200 l. *March* 1. Anno 1615.

Of these parcels A. *paid to* B. 600 l. *vpon March* 1. Ann. 1612. *and agreed to pay the rest vpon Sept.* 1. Anno 1613. *The Question is, what he shall then pay, reckoning* 10. per Cent. per Ann. *interest, and interest vpon interest.*

The Worke.

67815572
13563114400
7986000000

Facit 439 l. 9 sh. 4 d. &c.

12690587 ~~5577114400~~
~~1258796 97~~
634529 ~~161946~~
~~9467~~
52 2359

The seuentie fourth Question.

One is to pay 100 l. *vpon these dayes*, viz. 40 l. *vpon*

the 26th. *of February* 1615. *and* 601. *vpon the* 26th. *of February* 1616. *What will theſe two parcels bee worth, to be paid vpon the* 26th. *of Nouember* 1613. *reckoning* 10. per Cent. per Annum, *intereſt, and intereſt vpon intereſt?*

The Worke.

32 l. 5 ſh. 7 d. &c.

12391775	4 0 0 0 0 0 0 0 0
	2 8 2 4 6 7 5
619588	3 4 6 3 2 6
51	3 5
	44. —. 4 d. &c.
13630953	6 0 0 0 0 0 0 0 0
681547	5 4 7 6 1 8 8 8
56	2 3 8 6

Facit 76. 5. 11 d. &c.

The ſeuentie fift Queſtion.

A man deliuered to a Merchant 44 l. *to haue it paid againe with the intereſt, at the end of* 2. *years and* 3. *quarters, after the rate of* 10. per Cent. per Ann. *int. and int. vpon int. The Queſtion is, what he ought then to receiue.*

The Worke.

		12996603
		51986412
Facit	l 57	18505032
	ſh 3	7010064
	d 8	41276

The

The seuentie sixt Question.

A man oweth 5000 l. *to be paide in* 5. *yeares, that is to say, at the end of each yeare* 1000 l. *This man and his Creditor make a second agreement, to pay the said debt in* 20. *equall payments, that is to say, euery* 3. *moneths one payment: the Question is, what each payment shall be, reckoning* 10. per Cent. per Ann. *interest, and interest vpon interest.*

The Worke.

Facit 241. 2. 8 d. &c.

253179843

6105100000000
1 415831487
287657633
3433985
9

12658992
105

The seuentie seuenth Question.

A man oweth 200 l. *to be paid presently: but wanting money, he and his Creditor agree that the debt and interest shall be paid in* 4. *yeares in* 16. *equall payments:* viz. *at the end of each quarter of a yeare one payment; reckoning* 10. per Cent. per Ann. *int. and int. vpon int. They demand what each quarterly payment ought to be.*

The Worke.

14641000
200

Facit 15. 4. 3 d. &c.

192463293

2928200000
1 43567675
1257949
27

9623164
801

The

The seuentie eightth Question.

A man oweth 1050 l. *payable at the end of* 4. *years; but he agreeth with his Creditor, to pay it in* 4. *payments,* viz. *at the end of each yeare a like summe. The Question is, what each yearly payment shall be, reckoning* 10. per Cent. per Ann. *int. and int. vpon int.*

The Worke.

Facit 226.4.10 d.&c.

464100 — 105000000

1218848

8935

23205 — 11

19 — 2

The seuentie ninth Question.

One oweth 100 l. *to be paid by* 50 l. *a yeare; but he agreeeth with his Creditor to take it in* 8. *quarterly payments,* viz. *at the end of each quarter of a yeare a like summe, rebating after the rate of* 10. per Cent. per Ann. *int. and int. vpon int. The Question is, what each quarterly payment must be.*

The Worke.

21000000

50

Facit 12. 1. 1 d.&c.

87087463 — 1050000000

179125374

4354373 — 4956441

36 — 59 7

The

The eightieth Queſtion.

A Merchant hath two Billes, by which a man oweth him 1000 l. viz. *by one Bill* 600 l. *to be paide at* 9. *moneths end, and by the other Bill* 400 l. *to be paide at* 15. *moneths end: his Debitor is contented to cleare theſe Bills preſently with ready money, ſo he may be allowed after* 10. per Cent. per Ann. *to which the Merchant agreeeth. The Queſtion therefore is, what ready money ought to be paid.*

The Worke.

558. 12. 1 d. &c.

1074094:

537049
447

1126250

563262
46

355. 1. 6 d. &c.

Facit 913. 13. 7 d. &c.

The eighty one Queſtion.

A man oweth 11. 17. 6 d. *to be paid by* 50 ſh. *a yeare,*

viz. *at the end of each quarter of a yeare* 12 sh. 6 d. *The Question is, what the same debt is worth ready money, reckoning* 10. per Cent. per Ann. *interest, and interest vpon interest.*

The Worke.

```
 237453952
        12.6 d.
 ---------
 118726976
  29681744
 ---------
Facit 9. 8. 8 d.&c.
 ---------
 ~~1~~~~4~~8~~4~~~~0~~8~~7~~2~~0~~
   ~~6~~8~~7~~53~~1~~8
   58    5

15725890
 786294
  655
```

The eighty two Question.

A man oweth 84 l. *payable by* 7 l. *euery halfe yeare: this man offers to cleare the said debt presently, so he may be abated after the rate of* 10. per Cent. per Annum, *or to pay it altogether, with such interest, when the last payment should be paid. The Creditor therefore demandeth what the same debt is worth in ready money; And what it is worth to be paid altogether when the last payment should be paide.*

The

The Worke.

158078100	l	110	65467
	ſh	13	0934
62. 9. 2 d. &c.	d	1	12

17715610 — x x 0 6 5 4 6 7 8 0

4 3 6 x 8 x 8

885780 — 8 x 7 6 8 6

738 — 2

The debt is worth to be paid { In ready money 62. 9. 2 d. &c.

At the time of the laſt paiment } 110. 13. 1 d. &c.

The eightie third Queſtion.

A Merchant oweth 100 l. *payable at* 12. *moneths end: he requeſteth his Creditor to take it quarterly by* 4. *equall payments, allowing him for int. after* 10. per Cent. per Ann. *The Queſtion is, what one of the ſaid foure equall payments muſt be.*

The Worke.

Facit 24. 2. 3 d. &c.

41470220 — x 0 0 0 0 0 0 3 0 0

x 7 4 5 9 5 6 2 8

2073511 — 7 x 4 7 9

17 — 5 6 7 6

The eighty fourth Queſtion.

A Gentleman offered to a Merchant 50 l. *to receiue for it*

yearly 10 l. *for* 8. *yeares following, and then to leaue the Capitall wholly to the Merchant. The Queſtion is, whether it it were better for the Merchant to accept of this, or to refuſe it, accounting intereſt after* 10. per Cent. per Ann. &c.

The Worke.

l	53	349262
ſh	6	98524
d	11	8228

53. 6. 11 d. &c.
50. —. —.

It is better for the Merchant to refuſe it.

The eighty fift Queſtion.

A Merchant deliuered at intereſt 300 l. *for a yeare at* 10. per Cent. per Ann. *This Merchant hauing occaſion to imploy money at* 3. *moneths end after he did deliuer the ſaid* 300 l. *is deſirous to ſell or ſet ouer the ſaid debt, and will allow for the time vnexpired, being* 9. *moneths, after the rate of* 10. per Cent. per Ann. *The Queſtion is, how much the ſaid Merchant muſt receiue.*

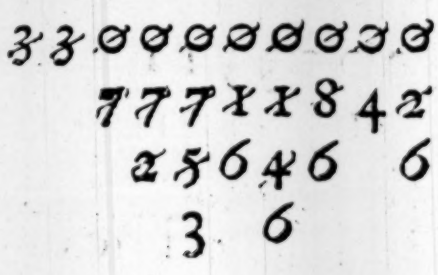
The Worke.

Facit 307. 4. 8 d. &c.

10740994

537049

447



The

The eightie sixt Question.

A Merchant doth owe 600 l. *to be paid in three yeares; that is to say, at the end of euery yeare* 200 l. *he doth agree with his Creditor, to pay him altogether at the* 3. *yeares end, in allowing* 8. per Cent. per Ann. *interest, and int. vpon int. The Question is, how much he must pay at the* 3. *yeares end.*

The Worke.

```
        2597120
        -------
        32464000
            200
        -------
Facit { l  649|28
      { sh   5|6
      { d    7|2
```

The eightie seuenth Question.

A Merchant oweth to another Merchant 100 l. *to be paid in* 10. *yearly equall payments by* 10 l. *at the end of each yeare: this Debitor doth agree with his Creditor, to discharge his debt with ready money. The Question is, how much ready money he must pay, deducting int. and int. vpon int. after* 10. per Cent. per Ann.

The Worke.

```
Facit { l  61|445672
      { sh  8|91344
      { d  10|9612
```

The eighty eightth Question.

A Merchant oweth 105 l. *due; but requireth to pay it in* 7. *yearly equall payments, by* 15 l. *at the end of each yeare. The Question is, what those payments are worth in ready money, reckoning* 10. per Cent. per Annum, *int. and int. vpon int.*

The Worke.

		48684188
Facit	l	73026282
	sh	—52564
	d	63076

The eightie ninth Question.

A Gentleman hath an Annuity of 120 l. per Annum, viz. 60 l. *at the end of each halfe yeare, for* 5. *yeares: this Gentleman will sel this Annuity, for such a summe, as that the Buyer may reckon his money that he payeth for it, as put out at int. at* 10. per Cent. per Ann. *and int. vpon int. The Question is, what this Gentleman shall receiue for his Annuity.*

The Worke.

	125081829
Facit	465.19.11 d.&c.
16105100	~~7~~5~~0~~4~~9~~0~~9~~7~~4~~0~~
	~~1~~ ~~6~~2~~8~~6~~3~~2~~9~~5
805255	~~9~~6~~5~~3~~8~~6
	~~1~~7~~9~~8~~5~~3
671	738

The

The nintieth Question.

An house is to be let for 10. *years, to pay* 6 l. *at euery quarter of a yeares end, for Rent. The Question is, what the same Rent will come to, leauing all vnpaide vntill the last quarters end, reckoning* 10. per Cent. per Ann. *int. and int. vpon int.*

The Worke.

		6	6 0 9 2 8 5 1 2
Facit	l	3 9 6	5 5 7 1 0 7 2
	sh	1 1	1 4 2 1 4 4
	d	1	7 0 5 7 2

The nintie one Question.

If a debt of 260 l. *payable by* 65 l. *a yeare, be solde, to be paid for at halfe a yeares end; The Question is, what ought to be paide for it, reckoning* 10. per Cent. per Ann. *int. and int. vpon int.*

The Worke.

4641
60333
13959645 ~~3016650000~~

Facit 216. l. 11 d. &c.

~~2247215~~58
8~~51~~6468
697982 ~~13~~ 6 9
58 6 8

The

The ninty two Queſtion.

A man oweth 330 l. *due at* 3. *ſeuerall times*, viz. 108 l. *at* 6. *moneths*, 110 l. *at* 9. *moneths*, *and* 112 l. *at* 12. *moneths: for this the Creditor agreeth with his Debitor, to haue ready money, rebating for int. after* 10. per Cent. per Ann. *&c. The Queſtion is, how much ready money the Creditor ought to receiue.*

The Worke.

102. 19. 5 d. &c.

10488088

524404

43700

10740994

537049

44754

11 . . 1120

101. 16. 4 d. &c.

102. 8. 2 d. &c.

Facit 307 l. 4 ſh. —&c.

The ninty third Queſtion.

There is a Leaſe for 15. *yeares and a halfe, worth* 131. 6 ſh. 8 d. per Ann. viz. 6 l. 13 ſh. 4 d. per *halfe yeare* de claro:

claro: *What is this Lease worth, to one that will giue no more then that he may haue* 10. per Cent. per Ann. *interest, and interest vpon interest, and his Principall againe by the end of the Lease?*

The Worke.

692729898
6.13.4.d.

4156379388
230909966
230909966

Fac. 105. 8. 2d. &c.

43811348

2190567
18

~~4~~ ~~6~~ ~~1~~ ~~8~~ ~~1~~ ~~9~~ ~~9~~ ~~3~~ ~~2~~ ~~0~~
~~2~~ ~~3~~ ~~7~~ 4 ~~6~~ 4 ~~5~~ 8 4
~~1~~ ~~8~~ 8 ~~7~~ ~~7~~ 4
3 2

The nintie fourth Question.

If 100 l. *be deliuered at interest at* 10. per Cent. per Ann *int. and int. vpon int. to receiue it againe with the int. in* 7. *yeares, by* 28. *quarterly equall payments: the Question is, what one of those payments must be.*

The Worke.

Facit 4 l. 19 sh.—&c.

393435073

19671753
163

~~1~~ ~~9~~ ~~4~~ ~~8~~ ~~7~~ ~~1~~ ~~7~~ ~~1~~ ~~0~~ ~~0~~
~~3~~ ~~7~~ ~~4~~ ~~9~~ ~~7~~ ~~6~~ ~~8~~ ~~7~~ ~~8~~
~~1~~ 8 2 ~~5~~ ~~9~~ ~~2~~ 1
1 135

The ninty fift Question.

An house is to be let for 10 *years, to pay* 20 l. *Rent a year, by* 5 l. *euery quarter. One is content to take this house vpon condition, that the Land-lord will receiue of him* 50 l. *in ready money, and abate him of the quarterly Rent so much as will be worth his* 50 l. *ready mony, and the interest therof after* 10. per Cent. per Ann. *for the* 10. *yeares first aboue named. The Question is, how much Rent this man shall pay quarterly.*

The Worke.

	25937424
660928512	~~1~~2~~9~~6~~8~~7~~1~~2~~0~~0~~
	1. 19. 2d. &c.
33046425	~~6~~3~~5~~9~~4~~2~~6~~8~~8~~
	~~3~~ 8~~4~~7~~8~~4~~3~~3
27	6 61

Facit { The taker of the house must pay } 3 l. and 9 d. &c. *per* quarter.

The nintie sixt Question.

A man oweth 1050 l. *payable halfe yearely*, viz. 175 l. *at the end of each halfe yeare: what are these halfe yearly payments worth in ready money, reckoning* 10. per Cent. per Ann. *And also what ready money are they worth, reckoning* 5. per Cent. per *halfe yeare, interest, and interest vpon interest?*

The

The Worke.

	67815572
	474709004
	339077860
	891. 12. 9d.&c.
13310000	~~11~~8~~6~~7~~7~~2~~5~~100
665500	~~2~~1~~9~~8~~1~~9
	~~2~~1~~5~~6
	~~8~~83
55	~~1~~5 –
	3400956
	68019120
	47613384
	34009560
	888. 4. 11d.&c.
13400956	~~11~~9~~0~~3~~3~~4~~6~~0~~0~~0~~
	~~1~~8~~2~~5~~8~~1~~2~~2~~2~~
	~~1~~3~~2~~9~~4~~7~~7~~4
670047	61~~7~~88
55	6

Fa. The halfe yearely payments are worth in ready money, at

- 10. *per Cent. per Ann.* } 891.12.9d.&c.
- 5. *per C. per* halfe yeare } 888.4.11d.&c.

The nintie ſeuenth Queſtion.

A Merchant doth owe 1200 l. *to be paid in* 6. *yeares; that is to ſay, euery yeare* 200 l. *and he doth agree with his Creditor to pay him all together, at the end of* 3. *yeares, allowing each other* 10. per Cent. per Ann. *int. and int. vpon int. The Queſtion is, how much money he muſt pay at* 3. *yeares end.*

The Worke.

		24868519
		200
		49737038
331		66200
	l	1159 3 7038
Facit	ſh	7 4076
	d	4 89

The ninty eighth Queſtion.

A Merchant doth owe 800 l. *to be paid in* 4. *yeares, viz.* 200 l. *at the end of each yeare; and he doth agree with his Creditor to pay him preſently with ready money, in rebating ſo much as that he may be allowed for paying his money before the day,* 10. per Cent. per Ann. *int. and intereſt vpon intereſt: The Queſtion is, how much he muſt pay.*

The Worke.

		31698654
		200
	l	63 3 97308
Facit	ſh	19 4616
	d	5 5 39

The

The nintic ninth Question.

A man hath a Lease of certaine grounds for 8. *yeares yet to come; for which he payeth* 130 l. per Ann. *Rent*, viz. 65 l. per *halfe yeare: which grounds are worth* 300 l. per Ann. viz. 150 l. per *halfe yeare.*

If this man shall surrender in his Lease; what ready mony shall he pay with it to his Land-lord for a new Lease of 21. *years, not altering the Rent of* 130 l. per Ann. *reckoning such int. as men haue when they buy Land for* 20. *years purchase, and receiue the Rent halfe yearly?*

The Worke.

150 l.	360117080
65 l.	288093664
85 l.	180058540
	Facit 1085. 1. 6d. &c.

28209951	~~3060995~~ ~~1800~~
	~~244325~~ 4725
1410497	~~1~~ ~~214~~ 968
117	7 4

The hundreth Question.

If a man pay 500 l. *and at* 12. *moneths end take for it* 80 l. *and at the end of each halfe year after,* 40 l. *til* 10. *years in all be expired: whether doth he take more or lesse then after the rate of* 10. per Cent. per Ann. *interest, and interest vpon interest?*

The Worke.

	550 l.		278217524
	80 l.	l	1112|8700960
	470 l.	sh	17|40192
	23579476	d	4|823
	165056332		
	94317904		
l	1108|2353720		1112. 17. 4d.&c.
sh	4|70744		1108. 4. 8d.&c.
d	8|489		

Facit { He taketh more then 10. *per Cent. per Annum* by } 4. 12. 8d.

The hundreth and one Question.

Vpon May day, Anno Regni Elizabeth 30. A. *solde to* B. *certaine Land that yeelded* 33 l. 16 sh. 8 d. per Ann. *Rent; at which sale* A. *and* B. *made this agreement in wordes: That* A. *should pay to* B. 50 l. *vpon the first of Nouember next following, and that then* B. *should surrender the Lands backe againe to* A. *binding them to pay* 100. *Marke* per Ann. *for* 8. *yeares*, viz. *at the end of each year, still vpon the first of Nouember*, 66. 13. 4 d.

Before the day appointed for the first payment B. *died, by which meanes the surrender was not made, nor any of the aboue-said payments paid: wherefore vpon suite in the Chancery, it was ordered by the Lord Keeper, that there should be an account made; and the Questions in the account to be, What the land was worth at the sale,*

sale, after the rate of 20. *yeares purchase: and what the payments aboue mentioned were worth in ready money at the same time, reckoning int.* 10. per Cent. per Ann. *and then looke how much the Land was worth more then the payments, so much should the heyres of* B. *pay to* A.

Therefore how much is it that by this order ought to bee paid to A.?

The Worke.

33. 16. 8d.		114358881
676. 13. 4.		228717762
		7623925400
21435888		1071794400
		386 l. 15 sh. 7 d. &c.
22482149		~~8695719800~~
		~~1951575186~~
1124107		~~1126132~~1
	676. 13. 4.	~~736~~968
936	386. 15. 7. &c.	~~6~~748

The heyres of *B.* ought to pay to *A.* } 289. 17. 8 d. &c.

The hundreth and two Question.

One hath a Lease of certaine Lands for 49. *yeares, which yeeldeth more then the out-rent,* 400 l. per Ann. viz. 100 l. per *quar. and after* 8. *years it will yeeld* 500 l. per Ann. viz. 125 l. per *quarter, more then the out-rent:*

Rent: what is this Lease worth to be solde, reckoning such interest as men haue when they buy Land at 16. years purchase, and receiue the Rent quarterly?

The Worke.

7496820398	
37484101990	187420509950
	1272358483900
	Facit 6991. 1. 6 d. &c.
208806013	~~1~~4~~5~~9~~7~~7~~8~~9~~9~~3~~8~~5~~0
	~~2~~1~~6~~9~~4~~2~~5~~1~~5~~1~~8~~7
	~~9~~2~~1~~7~~9~~6~~4~~9~~6
	~~2~~4~~1~~5~~2~~6
10440300	~~1~~6~~7~~1~~6
87	5

The hundreth and third Question.

A. *oweth to* B. 1200 l. *to be paid in* 6. *yeares, in* 12. *equall payments*, viz. *at the end of each halfe yeare* 100 l. *They agree to cleare this debt in* 3. *yeares, in* 6. *equall payments*, viz. *at the end of each halfe yeare, one payment. The Question is, what each payment ought to be, reckoning interest after the rate of* 10. per Cent. per Ann. *and int. vpon int.*

The

The Worke.

13310000 . . 1 . .		6781557200
67815572 . . 1 . .		6781557200
		13310000
		75. 2. 7d. &c.
13310000		~~1000000000~~
		~~68359~~
665500		~~171~~
55		4

Each payment must be 175. 2. 7d. &c.

The hundreth and fourth Question.

Eleuen yeares since, I tooke a Lease for 50. yeares; for which I paid 360 l. and now we are agreed that my Lessor shall take the remainder of the Lease into his hands againe, paying to me so much as the residue of the yeares in my Lease will come to, after the rate at which I bought the Lease; reckoning such interest as men haue when they buy Land at 20. yeares purchase, and receiue the Rent halfe yearly. Therefore I demaund how much I ought to receiue for this Remainder of my Lease?

The Worke.

118137163	708822978
	l. 9. 16. 7. 7.
4325486540	4252937868 00
216274327	3497999828
18022860	113925655
	1361 8
	45 6
	2344868175
	9.16.7.7
	21103813575
	1172434087
	586217043
	117243408
	58621704
	9770284
	6839196
	Facit 335. 19. 5 d.&c.
68621704	23054939297
	2468428972
3431085	6977645
	3666864
28	23578
	147

The hundreth and fift Question.

A. *oweth to* B. 800 l. *to be paid at* 4. *years end, and* B. *doth owe*

owe to A. 900 l. *to be paid in* 6. *yeares, that is to ſay, at euery* 2. *years end* 300 l. *Now they doe agree to cleare their debts preſently, in allowing each other* 8. per Cent. per Ann. *int. and int. vpon int. The Queſtion is, wch of them muſt pay mony to the other, and how much.*

The Worke.

257. 4. —d.&c.

11664000

583200
486

189. 1. —d.&c.

15868743

793437
66

446. 5. —d. &c.

367. 10. 3 d.&c.

13604889

680244
56

B. muſt pay to *A.* in ready money 78. 14. 9 d.&c.

The hundreth and ſixt Queſtion.

If a Leaſe for 30. *years be worth* 1000 l. *what is that Leaſe*

worth, to be paid 7. yeares before a man enter vpon it; reckoning ſuch int. as men haue when they buy houſes at 16. yeares purchaſe, and receiue the Rent quarterly?

The Worke.

Fa. 647. 16. 8 d. &c.

15435998

771799.
64

The hundreth and ſeuenth Queſtion.

Certaine Land ſtands charged with 600 l. *to be paide by* 25 l. *at the end of each halfe yeare. The owner of the Land agreeth with his Creditor to diſcharge the Land, by paying the value of the ſaid halfe yearly payments with ready money. The Queſtion is, what he muſt pay, reckoning ſuch int. as men haue when they buy Land at* 20. *yeares purchaſe, and receiue the Rent halfe yearly.*

The Worke.

323490379

Facit 447. 2. 5 d. &c.

18087259

904362
75

The

The hundreth and eighth Question.

What quarterly Rent for 13. *yeares will counteruaile* 200 l. *Fine; reck. such int. as men haue when they buy houses at* 16. *yeares purchase, and receiue the Rents quarterly?*

Also, what ought the quarterly Rent to be, reckoning for int. 2 ½. per Cent per *quarter?*

And also what will the quarterly Rent be, if ye reckon for interest 10 per Cent. per Annum?

The Worke.

	22394217
	200 l.
	5. 12. 11 d. &c.
793229940	447884340 0
39661497	512698736
33	136775
	5
	36111123
	200 l.
	6. 18. 3 d. &c.
1044444939	7222224600
52222246	955552966
	433334598
435	1555

```
660928512 .. 13310000.34522712
1982785536                  200l.
 1982785536
   660928512
137266429                 6. 15. 9 d.&c.
-----------------------------------
1016962278 . . 1 . . 6904542400
 50848113                 892768732
                          244287637
 42                            4
```

The Answers.

Reck. 16. years purchase, &c.	The quarterly Rent must be	5. 12. 11 d. &c.
Reck. 2 ½. *per Cent. per* quar.		6. 18. 3 d. &c.
Reck. 10. *per Cent. per Ann.*		6. 15. 9 d. &c.

The hundreth and ninth Question.

What Fine ought to be giuen for a Lease to endure 30. *yeares, to counteruaile* 30 sh. per *quarter; reckoning such int. as men haue when they buy Land at* 16. *yeares purchase, and receiue the Rent quarterly?*

The Worke.

```
                 3473257450 . . 1½
                 1736628725
                 ----------------------
                 Facit 81. 1. 3 d. &c.
                 ----------------------
64269647            5209886175
                      68314418
3213482                4841766
 26                       3 28
```

The

The hundreth and tenth Question.

What quarterly Rent for 21. *yeares is worth* 40 l. *Fine, reckoning such interest as men haue when they buy houses at* 16. *yeares purchase, and receiue the Rent quarterly?*

The Worke.

36779357
40l.

Facit 17 sh. 2 d. &c. *per* quarter.

1713878907	~~1~~ ~~4~~ ~~7~~ ~~1~~ ~~1~~ ~~7~~ ~~4~~ ~~2~~ ~~8~~ ~~0~~
85693945	~~6~~ 14 ~~2~~ ~~3~~ 7 8 ~~3~~ 5
714	37 21

The hundreth and eleuenth Question.

If a Lease yeeld 50 sh. per *quarter* de claro, *for* 21. *years, and after that for* 9. *yeares more yeelds* 7 l. per *quarter more then the out-rent: what is it worth to be bought, reckoning such int. as men haue when they buy houses at* 16. *years purchase, and receiue the Rent quarterly?*

The

The Worke.

3473257450 . .	$2\frac{1}{2}$	6946514900
		1736628725
478360320 . .	$4\frac{1}{2}$	1913441280
		239180160
	Facit	168.11.11 d.&c.

64269647	~~10835765065~~
	~~44588213349~~
3213482	~~53266456~~7
	~~842934~~
26	~~63~~16~~5~~6
	31

The hundreth and twelfth Question.

If a Lease of certain ground for 10.*yeares be worth* 100 l. *what is a Lease of the same ground worth for* 21.*years, reckoning* 10.per Cent.per Ann. *And also what will the same* 21.*years be worth, reckoning such int. as men haue when they buy Land at* 20.*years purchase, and receiue the Rent halfe yearly?*

The Worke.

l 16	27453	86486943	
sh 5	4906	518921658	
d 5	8872	21621735	
		1801811 . .	360362
		288289	
		28828 . .	2882
		2521	360

l	140	7534272
sh	15	068544
d	—	82252

6. 8. 3. 5. 3

255446576 ~~1~~~~6~~~~3~~8~~6~~~~1~~~~6~~~~4~~~~0~~~~0~~00
12772328 ~~1~~ ~~5~~~~9~~~~3~~8~~9~~~~4~~~~4~~
1064360 ~~3~~~~7~~~~5~~~~5~~~~3~~~~2~~
~~5~~~~6~~3~~2~~~~4~~
3 6
728398078
6. 8. 3. 53

4370388468
145679615
145679615
9104975
1517495 . . 303499
91049

165. 12. 7 d. &c.

28209951 ~~4~~~~6~~~~7~~~~2~~~~4~~~~6~~~~1~~~~2~~~~1~~~~7~~
~~1~~8~~5~~~~1~~8~~1~~~~6~~~~1~~~~5~~~~2~~
1410497 ~~1~~~~1~~8~~7~~9~~9~~338
117 ~~7~~8 ~~4~~
~~3~~ 3

Facit { At 10. *per Cent. per Ann.* 140. 15.—d. &c.
At such int. as 20. years purchase &c. } 165. 12. 7 d. &c.

The hundreth and thirteenth Question.

One hath certain grounds in Lease for 25. years; for which he is to receiue for 7. yeares yet to come, but 55 l. per halfe yeare: and for the other 18. yeares he shall receiue

142 l. 15 sh. per *halfe yeare; and for out-rent during the whole 25. years, he payeth* 26 l. per *halfe yeare. The Question is, what this Lease is worth to be solde, reckoning* 10. per Cent. per Ann *int. and int. vpon it.*

The Worke.

55 l.
26 l.
———
29 l.

194373999
———
388747998
1749365991
———
289. 5. 2 d. &c.
———
~~5~~6~~3~~6~~8~~4~~5~~9~~7~~1~~
~~1~~7~~8~~9~~4~~1~~1~~7~~9~~2~~
~~1~~ ~~5~~1~~3~~8~~5~~5~~
~~5~~3~~7~~6
81

19487171

974358.

81

142. 15 sh.
26.—
———
116. 15 sh.

934239895
934239895
5605439370
467119947
233559973
———
1006. 13. 10 d. &c.
———
~~1~~0~~9~~0~~7~~2~~5~~0~~7~~7~~4~~0~~
~~7~~2~~5~~4~~4~~8~~3~~8~~6~~
~~7~~1~~3~~6~~6~~8~~6~~
~~2~~4~~1~~9~~2~~ 1
94

108347059

5417352
45

Facit 1295 l. 19 sh. — d. &c.

The

The hundreth and fourteenth Question.

A Tenant hath giuen his Land-lord 60 l. *Fine, for a Lease of* 11. *yeares: and when* 8 ½. *years are expired, the Tenant doth agree to surrender his Lease, conditionally, that the Lord shall giue him for his time vnexpired, after the rate that it doth stand him in. The Question is, what he shall receiue, reckoning such int. as men haue when they buy Land at* 16. *years purchase, and receiue the Rent quarterly.*

The Worke.

19781938
60l.

1 l. 17 sh. 11 d. —. 1.

626044033
31302201
2608516

~~1~~~~1~~8~~6~~9~~1~~6~~2~~8~~0~~00
~~5~~~~6~~~~7~~8~~7~~2~~8~~~~4~~~~7~~
~~2~~~~4~~8~~7~~~~5~~~~4~~1~~3~~4
~~2~~ ~~3~~ 1 5
4
107332381
53666190
26833095
13416547
2236091
4472

Facit 17. 8. 6 d. &c.

11677068

583853
48

~~2~~~~0~~~~3~~~~4~~8~~8~~~~7~~~~7~~~~6~~
~~8~~~~6~~~~7~~~~1~~7~~6~~~~9~~~~6~~
~~4~~~~9~~~~7~~ ~~7~~~~2~~
3 9

The hundreth and fifteenth Queſtion.

What yearly payment is worth 100 l. per *quarter*; *reckoning* 10. per Cent. per Ann. *intereſt, and int. vpon int.?*

The Worke.

Facit l 4 1 4 | 7 0 2 2
ſh 1 4 | 0 4 4
d — | 5 2 8

The hundreth and ſixteenth Queſtion.

What equall halfe yearly payment is worth 500 l. per An. *reckoning* 10. per Cent. per Ann. *intereſt, and intereſt vpon intereſt?*

The Worke.

Facit 244.—.10 d. &c.

2 0 4 8 8 0 8 8 . . 1 . . 5 0 0 0 0 0 0 0 0 0
9 8 2 3 8 2 4 8 8
1 0 2 4 4 0 4 8 5 8 8 2
8 5 9 6 5

The hundreth and ſeuenteenth Queſtion.

If 3000 l. *be lent, to be paid againe with the intereſt in* 7. *yeares halfe yearly, by equall payments; what ought each payment to be, reckoning* 10. per Cent. per Ann. *int. and int. vpon int.?*

The

The Worke.

19487171
3000 l.

Facit 300 l. 15. 4 d. &c.

194373999
9718699

809

584 6 x 5 x 3 0 0 0
x 4 9 3 2 6 3 1 5
5 2 x 3 2 8
35

The hundreth and eighteenth Queſtion.

A Merchant hath ſolde Veluets, which amount vnto 2000 l. *to be paid at* 6. *moneths*, 6. *moneths*, 6. *moneths and* 6. *moneths, by* 500 l. *a payment: the Debitor hath Billes*, viz. *one Bill of* 600 l. *to be paid at* 3. *moneths*, 3. *moneths, and* 3. *moneths, each payment* 200 l. *And another Bill of* 1000 l. *to be paid at* 3. *moneths* 600 l. *and at* 6. *moneths after that*, 400 l. *He agreeth with his Creditor to deliuer him theſe Billes, and to pay the reſt in ready money preſently; reckoning* 10. per Cent. per Ann. *for int. from each of them to the other: wherefore they demand, what the Merchant ought to receiue in ready money beſides the Billes, to cleare the debt of* 2000 l. *for the Velvet aboue mentioned.*

The Worke.

30729225 . . 200l.

11265250 6145845000
6145845
12291690
36875070
30729225
12291690
30729225

11815094 . . 600l. . . 692344803862500000
7089056400
400l. . . 4506100000

18518604438

43024985 . . 500l. . . 21512492500

12100000 2993888061
27217164190

Facit l 247 | 4287653
ſh 8 | 575306
d 6 | 903

The hundreth and ninteenth Queſtion.

One is about the purchaſe of an houſe, the price whereof is 680 l. *which houſe ſtands charged with the payments following:* 30 l. per Ann. viz. 7 l. 10 ſh. per *quar. for* 2. *yeares, and after that* 25 l. per Ann. viz. 6. 5 ſh. per *quar. for* 6. *years; and beſides* 9 l. per Ann. viz. 2 l. 5 ſh. per *quarter for* 7. *years, beginning preſently. He that ſhould purchaſe this houſe, demandeth how much hee ought to retaine in his hands of the* 680 l. *to ſatisfie the payments*

payments aboue mentioned; reck. (per *agreement*) $6\frac{1}{4}$.
per Cent. per Ann. *int. and int. vpon int.*

The Worke.

84409173	7.10 ſh.	590864211	
		42204586	
		56. 1. 6 d.&c.	
11289062		633068797	
		6866x5625	
		88x372	
564453		3168	
47			
287272744	6.5 ſh.	1723636464	
		71818186	
		110.10.11 d.&c.	
16241700		x795454650	
		x7x2878	
812085		8866	
676		74	
346152951	2.5 ſh.	692305902	
		86538237	
		50. 19.—d.&c.	
15286306		7788444x39	
764315		x4528884	
63		688565	
		68	

Facit. The Purchaſer muſt retain in his hands 217. 11. 5 d.&c.

The

The hundreth and twentieth Queſtion.

There is an Office that will yeeld at the end of 18. *moneths* 3750 l. *and at the end of each yeare after for* 10. *years as much.*

This Office is to be ſold for 7500 l. *Fine, to be paid preſently, and* 750 l. per *quarter Rent for* 10 *yeares; the firſt quarters Rent to be paid* $2\frac{1}{4}$. *yeare after the payment of the Fine: and for the firſt yeare the buyer is to receiue int. for his* 7500 l. *Fine at* 5. per Cent.

He that ſhould buy this Office deſireth to haue an account made of the receipts on the one ſide, and the payments on the other ſide, with reſpect to the times, and int. after 10. per Cent. per Ann. *and int. vpon int. on both ſides; that he may know what is to be gotten by buying the Office, more then* 10. per Cent. per Ann. *by the time he ſhall haue paid the laſt quarters Rent.*

The Worke.

28531167 — 3751 l.

85593501
199718169
1426558 35

10699187625

27203400 : 3750 l.

1360170
1904238
816102

10201275 0000

159374246 : 3750l.

796871230
1115619722
478122738

597653422500 : 10488088
23906136900
47812273800
478122738
478122738
478122738

626824168868|118
10201275
10699187625

7.39536106493

31384283 7500l.

941528490000
235382122500
660928512 750l.

1982785536000

495696384000
235382122500

Payments. 731078506500
Receipts. 739536106493

Facit { l 845|7599993
sh 15|199986
d 2|3998

The hundreth one and twentieth Queſtion.

A. *and* B. *haue paied diuers moneyes one to the other, and one for the other: ſome of which parcels were paid (and the reſt, by agreement between them, accounted to haue beene paid) vpon the dayes particularly ſet downe in their accounts following.*

The Account of *A.* is thus:

1611.		1611.	
March 27. *A. receiued of B.*	l. 200.	Iune 27. *A. paide to B.*	l. 100.
Sept. 27. *A. receiued for an Acco. partable in halues betweene them*	l. 260.	*More he then paid for an accoun. partable in halues betweene them*	l. 200.
1612.		1612.	
Decem. 27. *A. receiued of B.*	l. 300.	Iune 27. *A. paide to B.*	l. 300.
March 27. *A. receiued for an Acco. partab. in thirds, viz.* $\frac{1}{3}$ *for himſelfe and* $\frac{2}{3}$ *for B.*	l. 210.	Sept. 27. *A. paid for an account partable in thirds, viz.* $\frac{1}{3}$ *for himſelf, and* $\frac{2}{3}$ *for B.*	l. 300.
Sept. 27. *A. receiued of B.*	l. 200.	Decemb. 27. *A. paid to B.*	l. 300.

The

The Account of B. *is thus:*

1611.		1611.	
Iune 27. *B. receiued of A.*	l. 100.	March 27. *B. paide to A.*	l. 200.
Sept. 27. *B. receiued for an accoun. partable in thirds, viz* $\frac{1}{3}$. *for A. and* $\frac{2}{3}$. *for himſelfe*	l. 450.	Iune 27. *B. paide for an account partable in halves betweene them*	l. 300.
1612.		Decem. 27. *B. paide to A.*	l. 300.
Iune 27. *B. receiued of A.*	l. 300.	1612.	
Sept. 27. *B. receiued for an accoun. partable in halves betweene them*	l. 300.	Iune 27. *B. paid for an account partable in thirds, viz* $\frac{1}{3}$. *for A. and* $\frac{2}{3}$. *for himſelfe*	l. 300.
Decem. 27. *B. receiued of A.*	l. 300.	Sept. 27. *B. paide to A.*	l. 200.

Theſe two men agree to cleare accounts, and that each of them ſhall allow the other 10. per Cent. per Ann. *intereſt, and intereſt vpon intereſt; and that their reckoning ſhall conclude vpon the* 27th. *of March,* 1613. *Wherefore they demand, which of them is then indebted to the other, and how much.*

The Worke.

121	11536897	1126525	11
200l.	130l.	300l.	140l.
242	149|979661	337|9575	154
10488088	11815094		
200l.	150l.	100l.	
209|76176	177|22641	10740994	
100l.			
118|15094	10740994	10488088	
118|15094	300l.	200l.	
	322|22982	209|76176	
10241136	11536897	10488088	
300l.	150l.	150l.	
307|23408	173|053455	157|32132	

The Charge of *A*.	The Diſcharge of *A*.
242	11815094
149979661	11815094
3379575	32222982
154	20976176
20976176	30723408
177226411	173053455
10740994	15732132
1378335271	140590231 5
Reſts due to *A*. 27567044	
140590231 5	

The

The Charge of *B.*	The Discharge of *B.*
1181 5094	242
1730 53455	1772 2641
32222982	337 9575
15732132	1074 0994
30723408	2097 6176
1181 5094	1499 7966 1
2097 6176	154
140 5902 315	1378 3352 71
	Rests in *B.* his hands 27 5670 44
	140 5902 315

The Balance.

Rests in *B.* his handes, as by the foot of his Account appeares, 27|567044.

Rests due to *A.* as by the foot of his Account appeares, 27|567044

l	27	567044
sh	11	34088
d	4	09

It appears, that *B.* is indebted vnto *A.* 27 l. 11 sh. 4 d. &c.
To pay, March 27. *Anno* 1613.

The hundreth two and twentieth Question.

Whether is 50000 l. *to be paid in* 10. *yeares, by* 5000 l. *a yeare, or* 60000 l. *to be paid in* 20. *yeares by* 3000 l. *a yeare, better for him that should receiue the money; reckoning* 10. per Cent. per Ann. *interest, and interest vpon interest?*

The Worke.

61445671	85135637
5000l.	3000l.
30722|8355	25540|6911
	30722|8355

Facit. 5000l. *per Ann. for* 10. years, is better then 3000l. *per An.* for 20. yeares, by

l	5182|1444
ſh	2|888
d	10|65

Ready money.

The hundreth three and twentith Queſtion.

Certaine Lands ſtand charged for payment of 40 ſh. per Annum *for* 13. *yeares, and afterwards for payment of* 10 l. per Annum *for* 17. *years. The owner of the Land agreeth with the partie to whom hee ſhould pay theſe Annuities, to bring them both to one; ſo, as he ſhall pay throughout the whole* 30. *yeares a like yearly ſumme. The Queſtion is, what that new Annuity ought to be, reckoning* 6 $\frac{1}{4}$. per Cent. per Ann. *int. and int. vpon int.*

The Worke.

	288447844
826252561	23075327752
	2.15.10. $\frac{1}{4}$ d. &c.
41312628	65597763
	24135135
3442719	3598811
	61 2

Fac. The new Annuity to continue the whole 30. yeares, ought to be } 4. 15. 10 $\frac{1}{4}$ d. &c.

The

The hundreth foure and twentith Question.

If a Lease for 21. yeares be worth 7. yeares purchase; how many yeares purchase may be giuen for a Lease of 30. yeares after that rate, reckoning such int. as men haue when they buy Land at 20. yeares purchase, and receiue the Rent halfe yearly?

The Worke.

2820995 1:14 l.

sh. 10. 10. 1. 2.

728398078
36419903
3034991

~~3~~9~~4~~9~~3~~9~~3~~1~~4~~0~~0
~~3~~ ~~7~~4~~6~~2~~8~~ 9
~~3~~9 ~~3~~7
8 8
1359915899

679957949
56663162
566631
113326

l. 16. 15. 1. 8. 3.

43997897

2199894
183324

~~7~~3~~7~~3~~0~~1~~0~~6~~8~~0~~0
~~2~~9~~3~~1~~2~~2~~7~~9~~6~~8
~~3~~1 ~~3~~4~~3~~1~~2
~~1~~ ~~5~~5~~9~~7
~~6~~38
~~2~~ 2
6

Facit. 8 $\frac{3}{8}$. yeares purchase, and a little more, *viz.* not fully 2 d. in euery 40 sh. a yeare Rent.

FINIS.

10.

THE CONSIDERATION AND IVDGEMENT,

Of the Diuines of the Electorall Principality of *Saxony*, in the Vniuerſitie of *Wittenberge*: they being required by the Vniuerſitie of *Iena*:

Vpon the Queſtion:

Whether a State of the Empire ought not well to conſider, whether he be bound to ayde and aſſiſt the Roman Emperour or no, in theſe Warres of *Bohemia*?

Faithfully tranſlated out of the *High Dutch* Tongue, according to the printed Copy.

M. D. C. XX.